Holland & Knight

31 West 52nd Street | New York, NY 10019 | T 212.513.3200 | F 212.385.9010
Holland & Knight LLP | www.hklaw.com

Stephen J. Humes
(212) 513-3473
steve.humes@hklaw.com

September 20, 2016

VIA ELECTRONIC MAIL AND HAND DELIVERY

Melanie A. Bachman
Acting Executive Director
State of Connecticut
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051

Re: **PETITION NO. 1218** - PSEG Power Connecticut LLC petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the construction, maintenance, and operation of a new 485 megawatt (MW) dual fuel combined-cycle electric generating facility at the existing Bridgeport Harbor Station located at 1 Atlantic Street, Bridgeport, Connecticut

Dear Ms. Bachman:

Enclosed please find PSEG Power Connecticut LLC's ("PSEG") Phase 1 Development and Management Plan ("D&MP Phase 1"). One original and fifteen (15) sets of Exhibit 9 to the D&MP Phase 1, which consists of the Construction Support Facility and Existing Condition Drawings, are included on large-format paper for ease of reviewing. Today we are hand delivering one original and two sets of the text documentation; the remaining thirteen (13) copies will be shipped to your office for delivery by September 22, 2016. Additionally, an electronic copy on a USB drive is included.

PSEG wishes to call the Siting Council's attention to the following minor changes from PSEG's Petition, none of which are material:

- PSEG is pursuing leases to use the adjacent and other properties in the vicinity of the site as laydown and staging areas during construction. These properties are currently either vacant or are used for similar parking / storage uses;
- final details of the fuel dock rehabilitation plan will be submitted at a later date, as the repair will not be initiated until late 2017 or 2018;
- some of the dates in the Construction Schedule as submitted with PSEG's Petition have been adjusted, and additional information has been added in the

Construction Schedule Update included with the D&MP Phase 1 as Exhibit 3; and

- the Permitting Status Matrix attached as Exhibit 2 reflects updates made since PSEG submitted its List of Permits and Approvals as Exhibit E to the Petition.

PSEG may make additional changes in the Phase 2 Development and Management Plan, which will be submitted with the final plant design technical specifications later this fall.

Sincerely yours,

HOLLAND & KNIGHT LLP



Stephen J. Humes

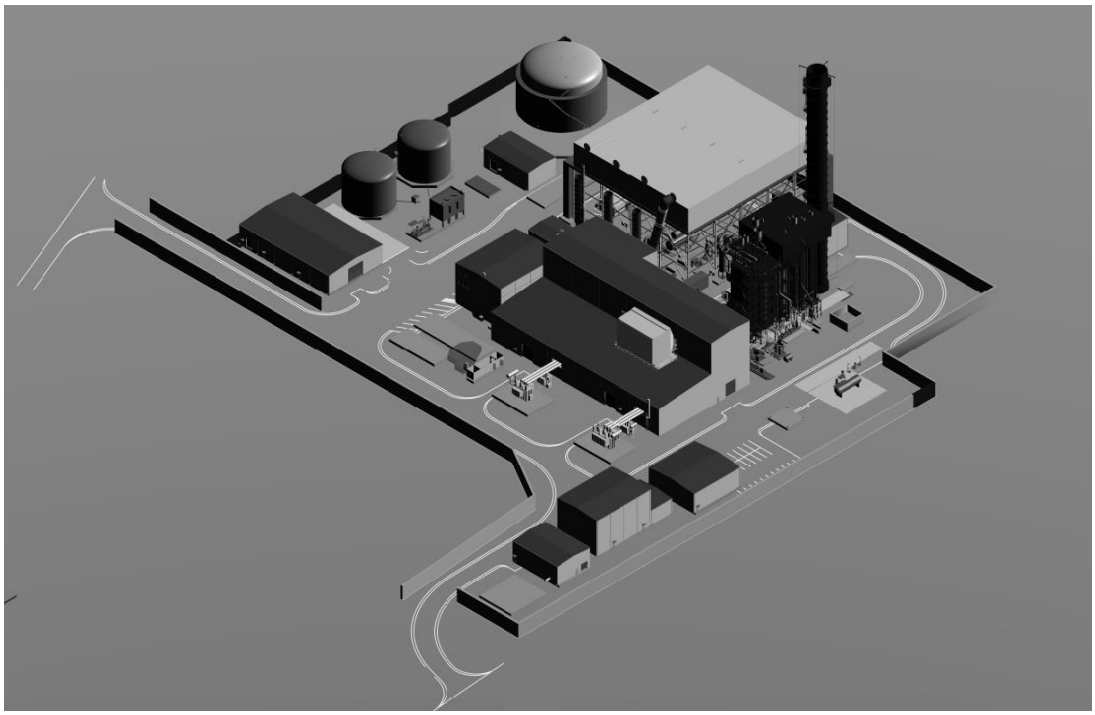
Enclosures

D&MP Phase 1 Inclusive of Exhibits except for Exhibit 9
Exhibit 9 Drawing Sets
Flash Drive with Electronic Copy

cc: Service List
Leilani Holgado - PSEG

Connecticut Siting Council
Development and Management Plan Phase 1
Construction Support Facilities

Bridgeport Harbor Station Unit 5
Bridgeport, Connecticut



PREPARED FOR:
PSEG POWER CONNECTICUT, LLC
September 19, 2016

Connecticut Siting Council – Development and Management Plan Phase 1
Construction and Support Facilities for Bridgeport Harbor Station Unit 5
Docket Petition No. 1218 (Approved July 21, 2016)
September 19, 2016

Development and Management Plan Phase 1 Summary:

This Phase 1 Development and Management Plan (D&MP Phase1) submittal to the Connecticut Siting Council (CSC) provides initial data and information related to the temporary construction support facilities planned for the PSEG Bridgeport Harbor Station Unit 5 Combined Cycle Project (BHS 5 or the Project). A second D&MP submittal (D&MP Phase 2), with final design drawings and other information required for submission to the CSC is expected to be filed on or about October 31, 2016.

The contents of this D&MP Phase 1 filing are based upon the requirements included in the July 21, 2016 Findings of Fact, Opinion and Decision / Order. Specifically, this D&MP Phase 1 filing and the D&MP Phase 2 contain or will contain the plans and specifications necessary to comply with all of the CSC's Conditions as set forth in the Decision and Order.

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This D&MP Phase 1 consists of drawings, updated information and status, and project planning information necessary to describe the current PSEG construction support facility plans.

Exhibits:

Note that all of the Exhibits are included in this text document except for the Exhibit 9 Drawings.

1. Construction Execution Plan Summary

2. Permitting Status Matrix

3. Construction Schedule Update

4. BHS Unit 3 Tank and Unloader Construction Status

5. BHS Unit 3 Tank Farm Demolition and Remediation Status

6. Remedial Action Plan Addendum approved August 17, 2016

7. Status of Fuel Oil Dock Repair Project

8. Offsite Construction Support Facility (leases, laydown and parking)

9. Construction Support Facility and Existing Condition Drawings

    a. 191547-5GAU-G1000 OVERALL SITE PLOT PLAN
    b. 191547-5STF-S3000 KEY PLAN & GENERAL NOTES & LEGEND
    c. 191547-5STF-S3004A GRADING & DRAINAGE
    d. 191547-5STE-S3100 KEY PLAN, GENERAL NOTES & LEGEND
    e. 191547-5STE-S3101 EROSION CONTROL
    f. 191547-5STE-S3102 EROSION CONTROL
    g. 191547-5STE-S3103 EROSION CONTROL
    h. 191547-5STF-S3915A SECURITY FENCE SECTIONS & DETAILS
    i. 191547-5STF-S3915B SECURITY FENCE SECTIONS & DETAILS
    j. 191547-5STE-S3920A EROSION CONTROL SECTION & DETAILS
    k. 191547-5STE-S3920B EROSION CONTROL SECTION & DETAILS
    l. 191547-5STE-S3920C EROSION CONTROL SECTION & DETAILS
    m. 191547-DS-1041 CONSTRUCTION AREA KEY PLAN
    n. 191547-DS-1041A CONSTRUCTION AREA PLAN
    o. 191547-DS-1041B CONSTRUCTION AREA PLAN
    p. 191547-DS-1042A LOCATION PLAN FOR PROPOSED BARGE MOORING AREAS
    q. 191547-DS-1042B PLAN AND CROSS-SECTION OF BARGE AREA #1

9. Construction Support Facility and Existing Condition Drawings (continued)

    r. 191547-DS-1042C PLAN AND CROSS-SECTION OF BARGE AREA #2
    s. 191547-DS-1042D PLAN AND CROSS-SECTION OF BARGE AREA #3
    t. 191547-DS-1042E PLAN AND CROSS-SECTION OF BARGE AREA #1
    u. 191547-DE-E2950 CONSTRUCTION LIGHTING OVERALL SITE ARRANGEMENT
    v. 191547-DE-E2951 CONSTRUCTION LIGHTING OVERALL SITE ARRANGEMENT

10. Anticipated Truck Access Routes

11. Status of United Illuminating Exempt Modification Request

12. Temporary Construction Support Facilities - Barge Delivery Temporary Modifications, Pre-NSR Permit Temporary Installation Scope, Temporary Office Facilities, and Geotechnical Investigations

13. U.S. Army Corps of Engineers Jurisdictional Determination

14. Soil Erosion and Sedimentation Control (SESC) Plans

15. General Update of Project Scope / Design

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Exhibit 1 – Construction Execution Planning Summary

PSEG is implementing a comprehensive construction execution planning process that defines both logistics and field requirements to assure an efficient and fully compliant construction program. The following summary provides the specifics of this process.

Overview

The construction execution planning process will result in a living strategy that will be updated throughout the life of the Project. The Construction Execution Plan (CEP) is intended to include the important content and decisions that need to be made at early stages of a project to assure successful execution of the work. Black & Veatch, an international engineering and construction management firm, was selected by the PSEG Project Management team for engineering, procurement and construction management of the BHS 5 project.

Project Mission Statement: The Bridgeport Harbor Unit 5 Combined Cycle Project Team will successfully achieve all project deliverables of Schedule, Quality and Cost by working safely, collaborating and communicating frequently and by identifying and resolving issues early. First and foremost, the Team is committed to safety both individually and by watching out for each other every day. Quality design, procurement and construction work will be executed to safely meet or beat the project schedule and budget to allow the facility to deliver reliable, clean and economical power.

The CEP includes basic information such as project descriptions and organization structures for key organizations and contractors, and establishes technical, quality, financial, logistics and process expectations. Of critical importance is the implementation of a comprehensive health and safety program or "HASP". The HASP will be documented and PSEG will provide an aggressive oversight of job site safety compliance. There are provisions for the site workforce and all contractors to promptly notify the construction management team of any construction means, methods, techniques, sequences or procedures of construction which in their judgment are deemed unsafe or may fail to comply with applicable laws or regulations. This is of paramount importance to the success of the Project.

Similarly, environmental and code / standard / permit condition compliance is actively managed and PSEG has established a "full compliance with all requirements" expectation for Project implementation.

The CEP addresses engineering and construction project schedule and cost management, field installation program effectiveness, construction quality assurance, inspection / testing requirements and approvals, employee protection (e.g. whistle blower and safety conscious work environment provisions), and other fundamentals of construction management.

Site Management and Labor

The Project construction site will be managed by B&V under the direct management of PSEG. The PSEG Project Management/controls staff and B&V site management / controls staff will be

housed in trailers adjacent to one another on the project site. An additional office structure will support B&V engineers and superintendents along with PSEG counterparts. This structure will provide optimal input from engineering, construction, and operational perspectives. By locating resource assets close to one another, a level of transparency and partnering can be established. This will provide efficiency in both problem recognition as well as problem solving.

BHS 5 is a sister project to PSEG's ongoing Sewaren 7 project in New Jersey. A fleet approach will be used by B&V and PSEG to realize cost and schedule benefits on both projects by leveraging commonalities and replicating engineering design, procurement and construction to the fullest extent practicable. Lessons learned will be tracked and corrective actions implemented as appropriate. Procurement will leverage the two projects to drive OEM suppliers toward volume discounting.

Where appropriate, modularization and pre-assembly of major components will be utilized, as a means to reduce traffic in the City of Bridgeport during project construction, and to gain construction schedule efficiencies.

For example the following are being evaluated for implementation:

- The Heat Recovery Steam Generator (HRSG) will be delivered in modularized "C" frames;
- Steam turbine and combustion turbine generators will be shipped with the rotors installed;
- Steam turbine sections will be delivered as a pre-assembled units; and
- Combustion turbine support equipment will be delivered as pre-assembled containerized, stackable units.

The Project will be performed under the National Maintenance Agreement (NMA). Craft labor will be sourced through Contractors contracted to PSEG. Per the provisions of the Community Environmental Benefit Agreement (CEBA), completed and executed under the State of Connecticut Environmental Justice Act, Conn. Gen. Stat. § 22a-20a, PSEG will work to engage local labor and contract / supplier firms when possible.

Access

Site access will be closely managed to assure that construction impacts on the surrounding community are minimized during the relatively limited time for peak construction. PSEG / B&V have identified site logistics constraints / considerations, including access routes, and the use of barges for delivery of bulk fill and major components. Final access routings have not been established, but large truck access, which is limited by certain low clearance bridges, will generally follow the routings shown in Exhibit 10.

Generally, site access routes will be pre-established for each major vendor and for the construction workforce. The site is accessible by road via Interstate 95 and by barge on Bridgeport Harbor. There is no rail access to the project site. Over the road material deliveries will predominately use Interstate 95 (I-95) to reach Bridgeport, then, utilize exits 26 or 27A to

access the project site. Over-height truck deliveries will use exit 26, while normal loads may use exit 27A.

Craft and staff personnel will exit I-95 using exit 27A, then travel southbound on Lafayette Street to Atlantic Street. They will then turn East on Atlantic to Main Street, then south on Main Street to Henry Street, then east to the Project entrance. Over the road material deliveries will travel south on Lafayette Street to Atlantic Street. They will then turn East on Atlantic to Main St. and exit to the east into a material receiving yards located as necessary on either PSEG or local leased sites.

The majority of material for the Project will be delivered by over-the-road trucks. I-95 is the major interstate providing access to the project from the south and the north. Highway 8 is the main roadway providing access to the site from the west. This highway dead-ends at I-95, requiring material deliveries from the west to use city and residential streets for the final 2 miles into the project site. There is no truck access to the site from the east or southeast.

Parking is allowed on both sides of most of the public streets near the project, which will necessitate access pre-planning. In addition, some of these roadways are directional (one way traffic). Extensive planning and communication between site management and suppliers will be essential in coordinating material arrival frequencies.

Heavy haul, bulk fill, and some modular material will be delivered by barge via Bridgeport Harbor. A barge unload area has been located along the shoreline of Bridgeport Harbor on the east side of the Project site. The site drawings included as Exhibit 9, include access routings between the barge unload areas and the site footprint. In addition, there are three potential barge unloading and storage areas identified on the eastern shoreline of the site. Bathymetric surveys are in progress to determine the existing configuration of the seabed in the areas proposed for material unloading. Barge docking provisions are shown in Exhibit 9.

The existing Bridgeport Harbor coal-fired unit will continue to operate throughout Project construction until operations are terminated as required by the CEBA. As such, existing access to the site will not be hindered by construction. Internal site fencing or the BHS 5 sheet pile retaining wall will separate the new construction area from the existing operating facility.

Atlantic Street will continue to be the main entry point for the existing Bridgeport Harbor plant, except for extenuating or emergency situations. Construction access to the site will also use this street and access gate as needed.

Construction Utilities

The routing for the temporary construction sewer line will run south to north in the existing site west loop road. This line will terminate at a 60 inch City sewer main at the intersection of Railroad Avenue and Main Street. This construction sewer line will be repurposed at some point during construction to serve as the wastewater line for BHS 5. During the early stages of construction, an existing site tie-in to the sanitary sewer on Henry Street will be used.

The existing plant high-speed internet service will be extended to the temporary construction trailer area and used during construction.

The existing site potable water supplies are in the vicinity of the BHS 5 construction and will be used as needed, prior to the permanent tie-in to the Aquarion Water Company system on Henry Street.

Construction power will be routed overhead on Henry Street to the site perimeter to on-site tie-in locations. The BHS 5 project site will be raised above surrounding grade due to flood requirements. Due to this, temporary power will be developed in two phases. The first phase will include installation of feeder lines from the source (provided at project site boundary by United Illuminating) to the construction trailer area, parking areas (as required for lighting) and laydown area. The second phase will provide temporary power for construction of the permanent plant on the elevated datum.

All applicable State and local permits will be obtained for construction utilities.

Noise

Large scale construction and demolition activity will generally not be performed between 6:00 p.m. and 7:00 a.m. on weekdays, or between the hours of 6:00 p.m. and 9:00 a.m. on weekends and Federal holidays. There will be some weekend and night work for schedule critical scope. Site work planning will take work hour and noise limitations into account to assure that the Connecticut noise limits at nearest residence for daytime (61 dBA) and nighttime (51 dBA) are met. Certain construction activities are exempt and there may be short periods (such as during daytime pile driving) where noise may exceed these limits during the normal work week. No nighttime work will be scheduled that will exceed the nighttime limits.

Construction Facilities and Site Services

A trailer area has been established on the eastern side of the site. As needed for the B&V, PSEG and contractor workforce, and including the necessary Safety/First-Aid Trailer(s), the site workforce will be housed in close proximity to the construction area.

Currently Project laydown needs are estimated to be approximately 10 acres. Areas available for equipment and material laydown are limited onsite and PSEG intends to utilize land owned by PSEG near the site as well as leased space. No significant improvements are anticipated as these properties are currently used for similar purposes, namely parking and storage.

The construction facilities plan includes the use of leased laydown and parking space near the Project site. Leases on some properties are currently being pursued by PSEG. Approximately four and one half (4-1/2) acres of additional leased laydown area, currently under agreement, is located within one and one half (1-½) miles of the project site, as shown on the construction laydown plans below.

Fabrication and pre-assembly areas will be designated either on leased property, or on the Project footprint in areas that will be occupied by permanent facilities constructed later in the Project schedule. There are adequate Ready Mix Concrete companies located near the Project site and therefore it is not necessary to utilize an on-site Batch Plant for structural concrete.

Initial soil / geotechnical studies indicate that a silt layer beneath the site may need soil strengthening to reduce settlement. If grouting methods are used, a temporary onsite, portable grout plant will be evaluated. The geotechnical studies are continuing.

Temporary construction roads will be established as needed to facilitate access to the specific site areas. Construction material access ramps will be established at the northeast and northwest portions of the site. These are in the locations of the permanent ramps. An additional temporary ramp will be placed in the southwestern corner of the site. Loop roads around the main power block will be established as needed and adapted as site construction progresses. A crushed rock bed tire scrub (i.e. stabilized construction entrance) will be established as necessary to assure that granular materials are not carried offsite by the tires of construction equipment.

Environmental control and compliance will be monitored during all phases of construction to assure that regulatory requirements are met. Specifically, a Stormwater Pollution Control Plan will be implemented, including silt fencing and other soil erosion and sediment control provisions. The basic details are included in Exhibit 9. As the site has areas of known historical environmental impacts, even with the completion of remediation prior to the start of construction of BHS 5 permanent facilities, the site management team is aware of the risk for the existing soils to have previously unidentified potential hazardous materials. The appropriate health and safety provisions are included in the site health and safety planning. A Spill Prevention Control and Countermeasures Plan will also be developed for the site.

With regard to site security, the construction workforce will be provided with access badges once they have been drug screened and have had background checks confirmed acceptable by the respective contractors. A card swipe / turnstile process will be implemented. PSEG requires a background check be performed. Security plans for remote laydown areas and any offsite parking will also include card access, security cameras, and roving guards, as necessary.

A safety "Lock Out/Tag Out" program will be established for both construction and startup. Similarly, a site Hot Work permitting requirement will be established. The site has an existing Emergency Response Plan (Fire Response, Medivac, Crisis), which will be revised to address the specific needs of the construction site areas. Local Fire Response will be utilized if needed.

Field workforce training plans and schedules will be established. Safety Training will be provided to all site employees via a Project-specific orientation. Contractors will be required to provide their employees their company specific orientation and other training required, such as confined space, fall protection, lifting and rigging, and other applicable safety requirements. Similarly environmental awareness will be included.

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Summary

The living construction execution planning will be captured in site-specific procedures and process documentation. PSEG and B&V will assure that the necessary and required controls are in place and effective for all site activities during construction. The provisions of these plans will evolve, but in whole, will provide a strong assurance that the construction of BHS 5 will progress effectively and safely.

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Exhibit 2 – Permitting Status Update

Agency and Permit Type / Name	Comments / Description	Permit Application Submission	Receive Authorization	Notes
Connecticut Department of Energy and Environmental Protection (CTDEEP) / U. S. Environmental Protection Agency (USEPA) - Region 1 (New England)				
1. New Source Review (NSR) (also fulfills Prevention of Significant Deterioration (PSD) requirements)	Application currently under review.	3/2/2016A	03/31/17	Amendment 3 filed August 9, 2016
2. Major (i.e. non-minor) modification of the existing Title V Air Permit		05/31/17	10/31/17	
Federal Aviation Administration (FAA)				
1. Notice of Proposed Construction or Alteration - HRSG Stack	Renewal of existing notification (received 4/20/2015) required for stack. A renewal applications will be filed by 9/25/2016 for the stack.	Renewal of current approval to be filed 9/25/2016	10/20/2016 renewal	Existing FAA Determination for HRSG stack expires 10/20/2016
2. Construction Cranes	Cranes as needed in excess of 200 feet in height	11/04/16	01/02/17	
U.S. Army Corps of Engineers (USACE), New England District				
1. Wetland Jurisdictional Determination	**Complete**	4/28/2016A	**8/1/2016A**	
U.S. Coast Guard (USCG)				
1. Facility Response Plan (PSEG). Update to reflect new tanks.		TBD	TBD	
2. USCG approval for spud barge mooring	Authorization to station spud barges within Bridgeport Harbor during construction	12/01/16	02/01/17	
Connecticut Siting Council (CSC)				
1. Declaratory Ruling	**Complete**	3/9/2016A	**7/21/2016A**	
2. Development and Management Plan Phase 1 for Construction Support Facilities	Required CSC approval for construction support facilities	09/20/16	11/21/16	
3. Development and Management Plan Phase 2 for New Unit 5 Construction	Full new build design	10/31/16	12/31/16	
Connecticut Department of Energy and Environmental Protection (CTDEEP)				
1. Environmental Justice Public Participation Plan	**Complete**	8/8/2014A	**8/15/2014A**	
2. Final Environmental Justice Report	**Complete**	**8/11/2015A**	N/A	
CTDEEP, Office of Long Island Sound Programs				
1. OLISP Structures, Dredging and Fill Permit	Stormwater outfall and dock reconstruction	9/16/2016A	12/16/16	
2. General Permit for Coastal Maintenance	Temporary shoreline improvements for barge unloading.	8/31/2016A	11/30/16	
3. Certificate of Permission	Dock Repair / Reconstruction	TBD	TBD	Schedule not established - 2018 Construction
CTDEEP, Bureau of Materials Management and Compliance Assurance				
1. National Pollutant Discharge Elimination System Modification	Not Required for BHS 5	N/A	N/A	No surface water intake or discharge
2. Individual Permit for Industrial Wastewater	Wastewater to WPCA	10/13/16	12/11/16	Reviewed and concurrence by WPCA prior to submittal to CT DEEP
3. General Permit for the Discharge of Stormwater Associated with Industrial Activity	Filed concurrently with SWPCP	11/29/16	01/31/17	
4. General Permit for Stormwater and Dewatering Wastewaters from Construction Activities	SWPCP	11/29/16	01/31/17	
City of Bridgeport				
1. Coastal Site Plan Approval		8/31/2016A	11/28/16	
2. Construction Permits (Structural, Mechanical, Electrical, Plumbing, HVAC, Sewer Connection, Road Opening)	As Required	12/21/16	01/31/17	Initial Filings; numerous building permit packages will be issued
City of Bridgeport Water Pollution Control Authority (WPCA)				
1. Industrial Wastewater Sign-off prior to CT DEEP submittal	Required for facility discharge of wastewater to POTW	8/31/2016A	10/12/16	
Other				
1. Aquarion Water Supply Will Serve Letter	**Complete**	8/5/2016A	**8/31/2016A**	Will Serve Letter Received
Note: "A" = Actual				

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Exhibit 3 – Construction Schedule Update

The following major schedule activities are anticipated for the construction of Bridgeport Harbor Station (BHS) Unit 5 Combined Cycle Plant. Start dates are shown.

1.	Forward Capacity Auction No. 10	February 10, 2016
2.	Completion of City of Bridgeport Land Use Permitting	November 2016
3.	Completion of Non-Air CT DEEP Permitting	January 2017
4.	Initial Completion of City of Bridgeport Building Permitting	January 2017
5.	Receipt of CT DEEP Final Air Permit	March 2017
6.	Initiation of Field Construction Activities	March 2017
	a. Temporary Construction Facilities	November 2016
	b. Site Work	April 2017
	c. Foundations	June 2017
	d. Initial Equipment Erection	July 2017
	e. Major Equipment Delivery (Turbines, HRSG, etc)	November 2017
	f. Switchyard and Transformer Installation	December 2017
	g. Gas Turbine Generator (GTG) Installation	March 2018
	h. Start-up Testing and Commissioning	August 2018
7.	Operational Testing (first GTG operations)	December 2018
8.	Balance of Plant initial start-up	February 2019
9.	Performance and Reliability Testing	March 2019
10.	Target Completion	April 2019
11.	Commercial Operations	June 2019

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Exhibit 4 – BHS Unit 3 Tank and Unloader Construction Status as of August 31, 2016

As part of a separate Bridgeport Harbor Station Unit 3 project, PSEG is currently constructing a new fuel oil storage tank with an associated fuel unloading facility, and removing four existing No. 6 fuel oil tanks, preparing to remove three small existing underground light fuel oil storage tanks, and to perform other related activities, including remediation of areas disturbed by the Project.

The new Unit 3 Fuel Oil Storage Tank Facility, including a fuel oil forwarding pump house and truck unloading area, replaces the existing Unit 3 fuel oil storage tanks, which will be fully removed following completion of the new tank and unloading facilities. As part of this project, limited site remediation will be performed for the disturbed areas, in accordance with the State of Connecticut Department of Energy and Environmental Protection (CT DEEP) approved Revised Remedial Action Plan dated August 2004 (and a recent addendum dated August 2016). An update on the remediation scope related to BHS Unit 3 is included in Exhibits 5 and 6.

The Unit 3 Fuel Oil Storage Tank Project was approved by the City of Bridgeport via a Coastal Site Plan approval on April 26, 2016. Work commenced on approximately May 31, 2016.

The tank construction is near completion. The tank in-place fabrication is complete, with painting and hydro testing in process, for completion in early October 2016. Similarly, the unloading containment will be complete at approximately the same time. The pumphouse foundations are complete with building fabrication scheduled for near-term start. The overall schedule for the tank and support system completion is by the beginning of a scheduled outage on BHS Unit 3 on October 15, 2016. At that time, mechanical, electrical and control tie-ins will be completed and the new tank will be commissioned for BHS Unit 3 use by November 2, 2016. The project is on schedule.

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Exhibit 5 - Status of BHS Unit 3 Tank Farm Demolition and Remediation

As part of a separate project, PSEG is currently removing three of the four No. 6 fuel oil tanks that are on the southern portion of the BHS site. The required BHS Unit 3 remediation will follow the removal of the fourth tank in November 2016. An addendum to the Revised Remedial Action Plan (RAP) (originally filed August 2004) was completed and approved by the Licensed Environmental Professional on August 17, 2016. PSEG has posted the necessary 45 day public notice. The early start date for the remediation is therefore approximately October 3, 2016, but as noted, is more likely to begin in November 2016. The RAP Addendum is included as Exhibit 6.

PSEG has obtained additional soil sampling / boring data for the tank farm containment berm to assess whether the berm material is suitable for unrestricted reuse on the site or if it will require special handling as contaminated soil. Generally the berm material is not contaminated and it will be used to restore site grade after initial remediation is completed. After the four tanks are removed, additional soil samples will be obtained in / near the footprint of the four large tanks as the final confirmation of contamination extent within the tank farm area.

Tank removal began on August 16, 2016, with the three out-of-service (and clean) tanks. That work will take approximately six to seven weeks. After the new oil tank is placed in service and commissioned for use on BHS Unit 3, the fourth No. 6 fuel oil tank (the "B" tank) will be emptied to barges, cleaned and removed. The B tank demolition is expected to be completed by the end of November 2016. The removal of the three smaller underground storage tanks located to the north of BHS Unit 3 is not currently scheduled and is expected to be performed after the tank farm remediation is completed.

Removal of the four above-ground tanks will require that the underlying soils be remediated to attain compliance with the CT DEEP Remediation Standard Regulations (RSRs). In accordance with the approved Revised Remedial Action Plan Addendum (Revised RAP Addendum) dated August 17, 2016, the soil remediation will consist of excavation, relocation, off-site disposal, and on-site capping of the polluted soils.

Collection and analysis of subsurface soils beneath the tank farm and adjacent areas has shown that certain compounds are found at concentrations exceeding the RSRs. Oily soils were observed in at least two areas of the tank farm. Concentrations of petroleum (ETPH) and trichloroethene (TCE) were found to exceed the GB Pollutant Mobility Criteria (PMC) for leaching to groundwater in several locations, including a moderate-sized area extending westward both inside and outside of the tank farm containment berm, south of the Foam House. Concentrations of ETPH and polycyclic aromatic hydrocarbons (PAHs) were found to exceed the Industrial Direct Exposure Criteria (IDEC) for worker exposure over a larger area near the middle of the tank farm and also extending westward beneath the Foam House. The figure below shows the current estimated extent of soils exceeding the PMC and IDEC.

Remediation of contaminated soils not in compliance with the RSRs is required for verification (closure) of the Site under the CT DEEP regulations. Specifically:

1. Soils that contain residual oily material or TCE at concentrations exceeding the GB PMC will be excavated and disposed off-site. This is currently believed to up to 2000 cubic yards (cy).

2. Soils that exceed the PMC for ETPH will be environmentally isolated by placing them beneath a future impermeable permanent structure. This is estimated to range from 3000 to 7000 cy.

3. Soils that exceed the IDEC will be rendered inaccessible by placing them beneath an orange geotextile warning layer and covering them with at least four feet of clean fill, or two feet of clean fill and at least 3 inches of asphalt pavement.

4. Soils that do not exceed the IDEC or PMC may be reused on-site within the footprint of the proposed sheet pile wall.

The work will be performed in two phases: Phase 1 in the BHS Unit 3 area will focus on removal of soils requiring off-site disposal and relocation/staging of contaminated soil. Phase 2 will be performed after the BHS 5 NSR Air Permit has been issued and will focus on final placement and capping of the polluted soils. The current design and construction sequence for the foundations and utility installation will be considered in the second phase of the work.

Phase 1 Soil Remediation

Phase 1 will take place after the existing BHS Unit 3 tanks are removed. It is anticipated that Phase 1 will commence in November 2016 and be completed before the end of February 2016. Phase 1 will focus on removing soils that require relocation and/or off-site disposal.

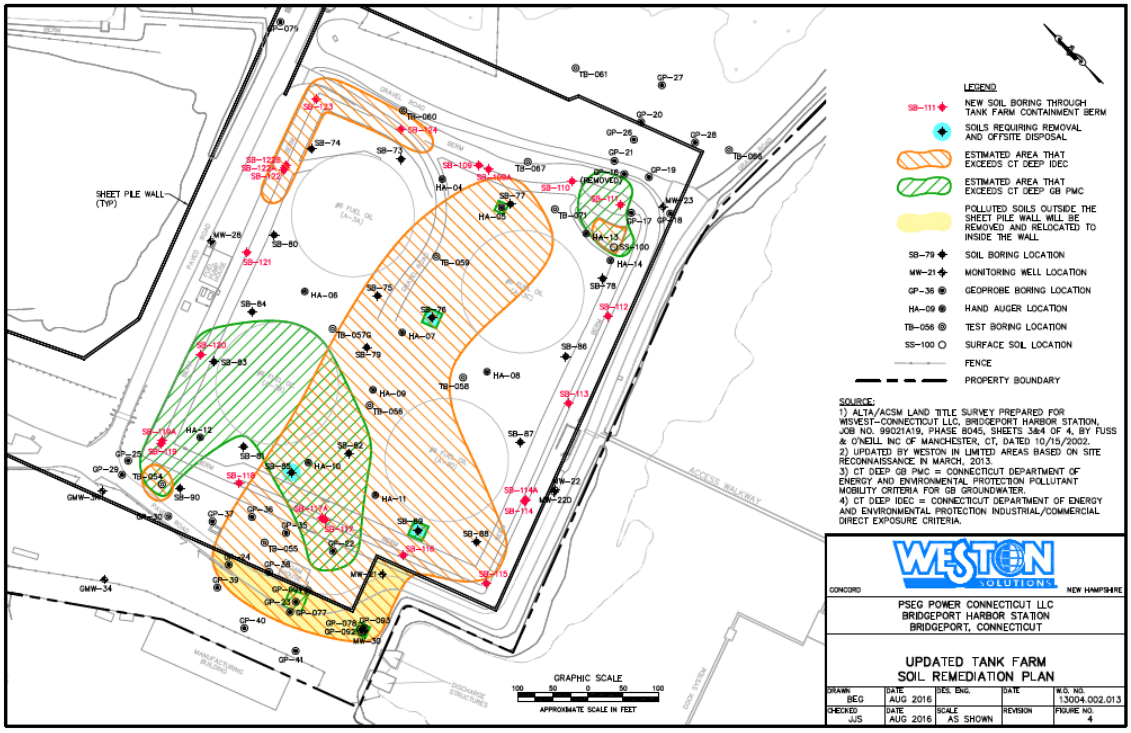
Phase 2 Soil Remediation

Phase 2 will take place after completion of Phase 1 and after the NSR Air Permit for BHS 5 is issued. It is anticipated that Phase 2 will commence by April 1, 2017 and be largely completed before the end of June 2017, dependent upon the status of foundation and slab installation for the structures that will environmentally isolate the contaminated soil. Phase 2 will focus on relocating the stockpiled soils from Phase 1, placing them within the foundation footprints beneath planning buildings, and covering them with foundations or clean fill.

Summary:

The remediation associated with BHS Unit 3 will be conducted in Phase 1. Based upon the design of underground utilities and deeper foundations, the completion of remediation will take place in Phase 2 as part of the initial construction of BHS 5, after issuance of the NSR permit. Appropriately trained and qualified workers will be used for the remediation scope in both phases of the work. As noted, remediation is expected to begin no earlier than early to mid-

October, and likely in late November 2016, with Phase 1 completion in February 2017 and Phase 2 substantial completion in June 2017 or shortly thereafter.



Connecticut Siting Council – Development and Management Plan Phase 1
Construction and Support Facilities for Bridgeport Harbor Station Unit 5
Docket Petition No. 1218 (Approved July 21, 2016)
September 19, 2016

Exhibit 6 - Remedial Action Plan Addendum approved August 17, 2016

PSEG Power Connecticut LLC
Bridgeport Harbor Station, 1 Atlantic Street, Bridgeport, CT 06604

WATER PROTECTION AND LAND REUSE
REMEDIATION DIVISION
AUG 17 2016
SITE NAME
ADDRESS
TOWN
FILE TYPE REM

PSEG
Power Connecticut LLC

BY HAND

August 17, 2016

Craig Bobrowiecki
Connecticut Department of Energy & Environmental Protection
79 Elm Street
Hartford, CT 06106

RE: PSEG Power Connecticut LLC's Bridgeport Harbor Station
Revised Remedial Action Plan Addendum
REM ID # 5310

Dear Mr. Bobrowiecki:

PSEG Power Connecticut LLC (PSEG) herein submits an addendum to the Revised Remedial Action Plan (RRAP) for site remediation at its Bridgeport Harbor Station (BHS), located at 1 Atlantic Street in Bridgeport, Connecticut. PSEG is constructing a new fuel oil storage tank for use with its Unit 3 and intends to discontinue storing oil in the existing tank farm. For that reason, remediation of the tank farm area (PRA 13) can no longer be deferred and this RRAP Addendum is being submitted to outline PSEG's plans for remediation in that area.

PSEG has provided public notice in accordance with Connecticut General Statutes §22a-134a(i) for the enclosed RRAP Addendum.

Should you have any questions regarding the RRAP Addendum, please contact me at (203) 974-5055.

PLEASE ACKNOWLEDGE RECEIPT OF THIS MATERIAL BY STAMPING AND RETURNING THE ATTACHED COPY OF THIS LETTER.

Sincerely,

Sally Kruse

Sally Kruse
Manager - Environmental Compliance & Programs

Cc: Mr. Juan Perez, EPA NE (electronic copy)

WATER PROTECTION AND LAND REUSE
REMEDIATION DIVISION

AUG 17 2016

SITE NAME
ADDRESS
TOWN
FILE TYPE REM

REMEDIAL ACTION PLAN ADDENDUM
TANK FARM AREA

BRIDGEPORT HARBOR STATION
BRIDGEPORT, CONNECTICUT

Prepared for:

PSEG POWER CONNECTICUT, LLC
BRIDGEPORT HARBOR STATION
1 Atlantic Street
Bridgeport, Connecticut

REM ID # 5310

Prepared by:

WESTON SOLUTIONS, INC
43 N Main Street
Concord, New Hampshire 03301

August 2016

Work No.: 13004.002.009

Bureau of Water Protection and Land Reuse
Remediation Division

WATER PROTECTION AND LAND REUSE
REMEDIATION DIVISION
Date Stamp
(DEP Use Only)
AUG 17 2016
SITE NAME
ADDRESS
TOWN
FILE TYPE REM

Remedial Action Plan Transmittal Form

This form is a cover to transmit a remedial action plan. When the use of this transmittal form is required or requested by the Commissioner, a remedial action plan approved in writing by the LEP, a copy of public notification of remediation, as well as all other documentation which demonstrates all applicable laws and regulations have been complied with, is to be attached to this transmittal form to document that remediation of the establishment has been initiated.

Part I of this form must be completed and signed by the Party responsible to submit a remedial action plan for the remediation of the parcel in accordance with the remediation standards. Part II of this form is to be completed and signed and sealed by a licensed environmental professional (LEP).

All sections of this form must be filled out, as applicable.

PART I: GENERAL INFORMATION

Remediation ID No. (Rem#): 5310

Site Identification

Establishment Name (as on Form III): PSEG Bridgeport Harbor Station

Establishment Address: 1 Atlantic Street

City/Town: Bridgeport State: CT Zip Code: 06604

Description in Property Deed:

Recorded on page 153 of volume 4110 of the Town of Bridgeport

land records, as lot 22 block 542 on map N/A in the Tax Assessor's Office.

Check the box indicating under which program this documentation is being submitted:

- ☒ Connecticut General Statutes (CGS) section 22a-134a(a)-(e), Property Transfer filing
- ☐ CGS section 22a-133x, Voluntary Remediation
- ☐ Other (specify)

Submit this completed form to:

REMEDIATION DIVISION, 2ND FLOOR,
BUREAU OF WATER PROTECTION AND LAND REUSE
DEPARTMENT OF ENVIRONMENTAL PROTECTION
79 ELM STREET, HARTFORD, CT 06106 - 5127

Remedial Action Plan Transmittal Form (continued)

Rem#: 5310

PART I: GENERAL INFORMATION (continued)

The following documentation must be attached to this form. Check boxes, as applicable, to verify that the documentation has been submitted with this form.

☒ **REMEDIAL ACTION PLAN** - in accordance with CGS Section 22a-134a(g)(1)

Dated: Aug 2016 Prepared by: Weston Solutions, Inc.

☒ **PUBLIC NOTICE OF REMEDIATION** - in accordance with CGS Section 22a-134a(i)

☒ copy of published notice in newspaper

☒ copy of notice to local Director of Health

Check the applicable box if additional public notice requirements were implemented and provide documentation.

☒ sign erected on establishment

☐ copies of the notice of remediation mailed to abutting property owners

Note: Certifying Party must provide copies of any written public comments and responses.

List Additional Documentation (as applicable) and attach to this form.

DOCUMENT	DATED	PREPARED BY

Certifying Party Certification

"I submit this form and attached remedial action plan approved by a licensed environmental professional. I shall apply for all permits and approvals that are necessary to carry out the remedial actions, and I shall ensure that any necessary permit applications are complete and that the issuance of any such permit and/or approval will be diligently pursued."

Sally Kruse
Printed Name of Authorized Signatory

Enviro Compliance Manager
Title

Sally Kruse
Signature of Authorized Signatory

8/17/16
Date

Representing (Name of Company): PSEG Power Connecticut LLC

Address: Bridgeport Harbor Station, 1 Atlantic Street

City/Town: Bridgeport State: CT Zip Code: 06604

Phone: 203-974-5055

PART II: REMEDIAL ACTION PLAN SUMMARY

To be completed by the LEP

Groundwater Class: GB

Soil: Concentrations of Pollutants in Excess of RSR Criteria:

Criterion Exceeded	Remedial Measure	COC
☒ PMC	☐ in-situ	☐ non-chlorinated VOCs
☐ GA	☐ excavation / on-site re-use	☒ Chlorinated VOCs
☒ GB	☒ excavation & removal	☐ Metals
	☒ Engineered control	☒ PAHs
☒ DEC	Date of Commissioner Approval: April 20, 2016	☐ SVOCs
☐ Res	☐ ELUR	☐ PCBs
☒ I / C	☐ RSR exemption	☒ ETPH
	☐ RSR Alternative Criteria	☐ Pesticides
	Date of Commissioner Approval:	☐ Other (specify):
	☐ Other (specify):	

Groundwater: Concentrations of Pollutants in Excess of RSR Criteria:

Criterion Exceeded	Remedial Measure	COC
	☐ Pump & Treat	☐ non-chlorinated VOCs
☐ GWPC	☐ Air Sparging / Vapor extraction	☐ Chlorinated VOCs
☐ Volatilization	☐ Dual-Phase	☒ Metals
☒ SWPC	☐ Monitored natural attenuation	☐ PAHs
	☐ ELUR	☐ SVOCs
	☐ RSR exemption	☐ PCBs
	☐ RSR Alternative Criteria	☐ ETPH
	Date of Commissioner Approval:	☐ Pesticides
	☒ Other (specify): Source Removal	☐ Other (specify):

Remedial Action Plan Transmittal Form (continued) Rem#: 5310

PART II: REMEDIAL ACTION PLAN SUMMARY (continued)

Vapor Intrusion:

Remedial Measure

- ☐ sub-slab depressurization
- ☐ vapor barrier
- ☐ indoor-air monitoring

Date of DPH Commissioner Approval of such plan:

NAPL present: ☒ Overburden ☐ Bedrock ☐☐ None

Other (specify):

LEP Approval

"I have personally examined and am familiar with the information in the remedial action plan summary of this transmittal form, and I approve the attached remedial action plan. My professional services have been rendered in accordance with the 'Rules of Professional Conduct' (Section 22a-133v-6 of the Regulations of Connecticut State Agencies)."

George G. Gurney	143
Printed Name of LEP	License Number
Signature of LEP	August 7, 2016
	Date

Company: Stantec Consulting Services, Inc.

Address: 100 Pearl Street

City/Town: Hartford State: CT Zip Code: 06103

Phone: 860-306-8056

Affix Seal Here



REMEDIAL ACTION PLAN ADDENDUM
TANK FARM AREA

BRIDGEPORT HARBOR STATION
BRIDGEPORT, CONNECTICUT

Prepared for:

PSEG POWER CONNECTICUT, LLC
BRIDGEPORT HARBOR STATION
1 Atlantic Street
Bridgeport, Connecticut

REM ID # 5310

Prepared by:

WESTON SOLUTIONS, INC
43 N Main Street
Concord, New Hampshire 03301

August 2016

Work No.: 13004.002.009

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LIST OF ACRONYMS

amsl	above mean sea level
BHS	Bridgeport Harbor Station
CT DEEP	Connecticut Department of Energy and Environmental Protection
cy	cubic yards
ELUR	Environmental Land Use Restriction
ft	feet
fbg	feet below grade
GB PMC	Class “GB” Groundwater Pollutant Mobility Criteria
IDEC	Industrial Direct Exposure Criteria
IVC	Industrial/Commercial Volatilization Criteria
LEP	Licensed Environmental Professional
PMC	Pollutant Mobility Criteria
PRA	potential release areas
PSEG	PSEG Power Connecticut, LLC
RAP	*Remedial Action Plan*
RSR	Remediation Standard Regulations
SHWT	seasonal high groundwater table
Station	Bridgeport Harbor Station, 1 Atlantic Street, Bridgeport, Connecticut
SVOC	semi-volatile organic compounds
SWPC	Surface Water Protection Criteria
TPH	total petroleum hydrocarbons
ETPH	extractable total petroleum hydrocarbons
UI	United Illuminating Company
WESTON®	Weston Solutions, Inc.
Wisvest	Wisvest-Connecticut, LLC

SECTION 1

INTRODUCTION

1. INTRODUCTION

PSEG Power Connecticut, LLC (PSEG) submitted a *Revised Remedial Action Plan (Revised RAP)* to the Connecticut Department of Energy and Environmental Protection (CT DEEP) in August 2004 [Weston Solutions, Inc. (WESTON®), 2004] that presented an approach for remediation of soil and groundwater at Bridgeport Harbor Station (BHS or "Station") located at 1 Atlantic Street in Bridgeport, Connecticut. The *Revised RAP* included excavation of soils exceeding the GB Pollutant Mobility Criteria (GB PMC) and the use of Engineered Controls (crushed stone or vegetated cover) to mitigate exceedances of the Industrial Direct Exposure Criteria (IDEC) and, thereby, to bring the Station into compliance with the CT DEEP Remediation Standard Regulations (RSRs). Remediation of some areas was deferred because those areas contained critical infrastructure necessary for operation of the power plant. The existing Tank Farm was one area where remediation was deferred.

PSEG is currently planning to remove the existing four oil storage tanks from operational service. Once out of service, the four tanks and the associated pump house, foam house, and containment berm will be demolished and removed. As a result, the remediation of polluted soils beneath the Tank Farm can be completed. This *Remedial Action Plan Addendum*, *Tank Farm Area* (*Tank Farm Area RAP Addendum*) provides a description of the existing contamination within the Tank Farm and the proposed plan for remediation of polluted soil to attain compliance with the RSRs.

1.1 SITE DESCRIPTION AND BACKGROUND

BHS is an active electrical power generating station that was initially constructed in 1957 and expanded in 1961 and 1968. The Station currently consists of two main generating units that are fueled by coal and/or No. 6 fuel oil (Unit 3) or jet fuel (Unit 4). Two other generating units (Units 1 and 2) were removed from service in May 2012 and December 2013, respectively. The primary support facilities include bulk oil and coal storage areas and a wastewater treatment plant. Figure 1 shows the general location of the Station and Figure 2 shows the Station layout.

PSEG acquired the membership interest in Wisvest-Connecticut, LLC (Wisvest), the owner of BHS, on 6 December 2002 and changed the company name to PSEG Power Connecticut LLC

(PSEG). Because the BHS qualified as an "Establishment," under Connecticut's Property Transfer Act (Connecticut General Statutes Section §22a-134 et seq., as amended), transfer of ownership required submittal of a Form III to CT DEEP. The most recent Form III, submitted to CT DEEP in December 2002, identified PSEG as the "certifying party." On 9 January 2003, CT DEEP notified PSEG that it had determined that oversight of remedial activities at BHS in accordance with the RSRs will continue to be delegated to a Licensed Environmental Professional (LEP). The remediation number for BHS assigned by CT DEEP is REM ID #5310.

1.2 REGULATORY STATUS AND ENVIRONMENTAL INVESTIGATIONS

Environmental investigations were initiated at BHS in 1998 by The United Illuminating Company (UI) and were continued by Wisvest following its purchase of the Site in 1999 (WESTON 2000a, 2000b, 2001a). These extensive investigations focused on 17 potential release areas (PRA) identified during the original Phase 1 Environmental Assessment. Figure 2 shows the current station layout and locations of the various PRAs. Although the specific contaminants vary from PRA to PRA, the predominant compounds found at BHS include metals, polycyclic aromatic hydrocarbons (PAHs), and petroleum hydrocarbons.

The results of the environmental investigations showed that polluted soil and groundwater was present at BHS at concentrations exceeding the RSRs. As a result, an initial *Remedial Action Plan (RAP)* was submitted to CT DEEP on September 2001 (WESTON, 2001b) that described the planned remediation needed to attain compliance with the RSRs.

In brief, PRAs 1, 2, 3, 5, 6, 8, 13, 14, 15, and 88 were identified as potentially requiring some form of remediation. Based on the investigation results, it was concluded that no remediation was required at PRAs 4, 9, 10, 11, and 12. Former PRA 7 is no longer part of the Site because it was located on a parcel of land conveyed to the Bridgeport Port Authority and is no longer owned by PSEG. The Bridgeport Port Authority filed a separate Form III in connection with the transfer of PRA 7. PRA 16 lies completely within PRAs 13 and 15 and, therefore, was not assessed or addressed independently. PRA 8 includes four separate electrical transformer areas at the Station.

Wisvest initiated remedial activities at PRA 1 (Truck Repair Facility) and PRA 2 [Gasoline Underground Storage Tanks (UST)] in December 2001, in accordance with the original *RAP* (WESTON, 2001b). Remediation is now considered complete in PRAs 1 and 2, pending the filing of a final site-wide Environmental Land Use Restriction (ELUR). Portions of PRAs 5&88, 8, and 13 were remediated by Wisvest in 2001/2002; however, results of post-remediation testing suggested that additional remediation and/or assessment was necessary.

In December 2002, PSEG re-evaluated the existing environmental data and additional investigations were conducted to supplement the previous work. These supplemental investigations necessitated a revision to the original *RAP* (WESTON, 2001b). A *Revised RAP* was submitted to CT DEEP in August 2004. The *Revised RAP* (WESTON, 2004) incorporated the supplemental data collected by PSEG and considered the long-term use of the Site as a secure electric generation facility in the remedial strategy. The remedial measures presented in the *Revised RAP* were developed in consultation with the CT DEEP and are consistent with the requirements of the RSR. The *Revised RAP* discussed each PRA in detail and presented a summary of analytical data, evaluated compliance with the RSRs, and proposed remedial actions designed to bring each PRA into compliance with the RSRs.

The *Revised RAP* included excavation of soils exceeding the GB PMC from some PRAs, while other areas were to be addressed using Engineered Controls (crushed stone or vegetated cover) to mitigate exceedances of the IDEC. Remediation of some PRAs was deferred because those areas contained critical infrastructure necessary for operation of the power plant. The existing Tank Farm (PRA 13) was one area where remediation was deferred.

1.3 PREVIOUS AND ONGOING REMEDIATION EFFORTS

As mentioned above, Wisvest performed initial remediation efforts at PRAs of 5, 8, 13, and 88 in 2001/2002 to mitigate exceedances of the GB PMC, but results of post-remediation testing suggested that additional remediation and/or assessment was necessary. In addition, PSEG conducted partial remediation of RAA3W in 2007 and has evaluated alternative criteria for groundwater. The remediation performed to date at each of these PRAs is summarized below.

1.3.1 PRA 5 & 88

PRAs 5 and 88 were evaluated and remediated as a single area due to their proximity (adjacent to one another), current use (both are used for contractor parking and equipment staging), historical use (railroad and solid municipal waste disposal), and contaminants (metals, PAHs, and petroleum hydrocarbons). Concentrations of PAHs and Extractable Total Petroleum Hydrocarbons (ETPH) exceeded the GB PMC and were twice the IDEC at several locations. These locations were excavated and disposed off-site in December 2001-January 2002. A total of 70 cubic yards (cy) of material was removed from PRAs 5 and 88. Remaining concentrations in shallow soil still exceed the IDEC and an Engineered Control will be placed over the PRAs to restrict worker contact with polluted soil.

1.3.2 PRA 8

This PRA consists of four areas where electrical transformers are currently or were previously located:

1. A small, former electrical transformer location outside the Utility Building.
2. A large, active transformer enclosure located along the east wall of the plant.
3. A small concrete pad located outside the power plant southern wall where a spare transformer was temporarily stored in the past.
4. A small concrete pad located west of the Jet Turbine where a transformer was stored in the past.

Soils in these four areas were determined to contain ETPH concentrations in excess of the GB PMC and, therefore, required removal.

Remedial excavations were performed at the Utility Building transformer area in August 2001 and December 2001 and post-excavation confirmation soil samples indicated that all soils exceeding the GB PMC had been removed. Remediation of soil in this area is complete.

The east wall transformer area is currently active. A partial soil removal was performed in this area during a scheduled plant shutdown in 2002 but access was limited and not all of the soil exceeding the GB PMC could be removed. Remediation of the remaining soils in that area has been deferred until the transformers are no longer in service and have been removed.

The concrete pad area is adjacent to the main generating plant and remediation of this area has also been deferred until the plant is no longer active.

Remediation of soils in the vicinity of the former transformer pad west of the Jet Turbine was completed in July 2011 and consisted of the removal and off-site disposal of 70 cy of soil impacted by ETPH. Post-excavation confirmation soil samples indicated that all soils exceeding the GB PMC had been removed. Remediation of soil in this area is complete.

1.3.3 PRA 13

Soil within PRA 13 was determined to exceed the GB PMC for ETPH at a number of locations. Most of the locations were located within the existing Tank Farm and therefore were determined to be inaccessible while the Station was still in operation. Remediation of those areas was deferred until the Tank Farm was removed from service. However, one area located outside the Tank Farm berm to the southeast (GP-16) was accessible and remediation was conducted in March/April 2002. A total of 1,935 cy of ETPH-impacted soil was removed from this area. The oily soil was found to extend up to and presumably some distance beneath the eastern berm of the Tank Farm. As a result, remediation of soil in that area was not completed. Confirmatory soil samples determined that the GB PMC was achieved in all directions except to the west (extends beneath the berm).

1.3.4 RAA3W and the Baghouse Project

In August 2006, PSEG began construction of new filtration equipment required to meet more stringent air emissions standards enacted by the CT DEEP in 2003 that target the reduction of mercury emissions from coal-fired electricity generators. The construction of the filtration equipment was referred to as the "Baghouse Project".

The Baghouse Project required soil excavation in certain PRAs identified in the Revised RAP, including PRA 8, PRA 10, and RAA3W. Two of these (PRA 8 and RAA3W) had not yet been fully remediated in accordance with the Revised RAP. The majority of the excavation work was completed within the first 2 months, but minor excavation work continued at RAA3W and PRA-10 on an intermittent basis through March 2007. The remediation work was documented in a report titled: *Excavation Closure Report for PRAs 8, 10, and RAA3W in Support of Baghouse*

Project Construction, submitted in January 2008 (WESTON, 2008a). Approximately 300 cy of soil was removed from the East Wall transformer area of PRA 8 and approximately 700 cy of soil was removed from PRA 10.

Because the foundation for an ash silo fell within an area of RAA3W that had been targeted in the *Revised RAP* for remediation via excavation with off-site disposal, the ash silo excavation was expanded to include all accessible soils east of the pipe rack. The depth of the excavation was also expanded such that all soils above the water table were removed. This was done because these soils would no longer be accessible after completion of the ash silo. As a result, the portion of RAA3W excavated as part of the Baghouse Project included all areas east of the pipe rack, with the exception of the paved driveway, which was not removed to allow traffic to continue to move through this area. Once the foundation excavations at RAA3W were completed, a permeable geotextile membrane was placed along the excavation boundaries to demarcate the extent of the removed soils. The excavations were then backfilled using clean fill from an off-site source. Approximately 2,700 cy of soil was removed from RAA3W.

Post-excavation confirmation soil samples were collected from the RAA3W excavation because this area had been targeted for remediation in the *Revised RAP* and as a result, documentation of compliance with the RSRs was required. Soils within PRA-10 did not require removal under the *Revised RAP* and remediation of soils within PRA-8 was deferred until such time as the transformer enclosure is removed from service. As a result, post-excavation confirmation soil sampling was not performed in those areas.

A total of seven confirmation samples were collected from RAA3W. The results for the four sidewall soil samples met the GB PMC for all compounds. The results for all three bottom samples exceeded the GB PMC for vanadium. Vanadium is one of the compounds driving the remediation of RAA3W. However, because the excavation was extended to below the seasonal high groundwater table, no further excavation is required to comply with the RSRs. As such, excavation of RAA3W east of the pipe rack is considered complete. Removal of soils from beneath the paved access road and the pipe rack will be deferred until these structures are removed from service. Excavation of remaining RAA3W soils west of the pipe rack were addressed in a *RAP Addendum* submitted to CT DEEP in April 2008 (WESTON, 2008b).

1.3.5 Engineered Controls

Remediation at several of the PRAs includes the installation of Engineered Controls to restrict worker access to underlying soils that exceed the IDEC. The use of Engineered Controls requires approval of a variance from the RSRs by the CT DEEP Commissioner. A Part 1 Application for Engineered Control Variance was submitted to CT DEEP by PSEG on 21 June 2012. Approval of the Part 1 Application was received from CT DEEP on 12 March 2013. A Part 2 Application was submitted to CT DEEP on October 29, 2013, and was approved in a letter dated 20 April 2016. The approved Engineered Controls consist of crushed stone or vegetated cover placed on top of an orange geotextile warning layer.

The areas where Engineered Controls are required include PRA 2, PRA 5&88, PRA 14, and portions of PRA 15 and RAA3W. Installation of the Engineered Controls at PRA 2 was completed by the City of Bridgeport during renovation of Ferry Dock Road in 2002. The majority of the Engineered Controls at RAA3W will be installed as part of site restoration upon completion of a new fuel oil supply tank for Unit 3 in fall 2016. The Engineered Controls at PRA 5&88 and PRA 14 will be installed along with those at RAA3W in Fall 2016 so that they can be used for laydown and contractor parking during remediation of the Tank Farm. The Engineered Control proposed for PRA 15 will no longer be needed because that area will be incorporated into the overall remediation plan for the Tank Farm as described in Section 4.

1.3.6 Surface Water Protection Criteria

In March 2005, PSEG submitted a request for CT DEEP approval of Alternative Surface Water Protection Criteria (SWPC). The Alternative SWPC were approved by CT DEEP in a letter, dated 18 December 2007. Groundwater monitoring at BHS has confirmed that only vanadium is present in groundwater at concentrations exceeding the Alternative SWPC.

Exceedances of the Alternative SWPC for vanadium are limited to two monitoring wells (MW-17R and GMW-04R), both of which are located downgradient of RAA3W. Groundwater contamination in that area is believed to be related to the remaining soil contamination at RAA3W. It is expected that once the remaining soil contamination has been remediated, that a corresponding reduction in groundwater concentrations will be observed and compliance with

the Alternative SWPC will be achieved. All other groundwater at the Station is in compliance with the RSRs.

1.3.7 Institutional Controls

Remediation of soil and groundwater contamination at BHS has relied upon CT DEEP industrial/commercial standards and, therefore, an Environmental Land Use Restriction (ELUR) is required to prohibit future use of the property for residential purposes. As such, PSEG will negotiate subordination agreements with easement holders to support preparation and filing of a site-wide ELUR restricting future use of the property to industrial/commercial activities and rendering certain areas on the Site as non-disturbance areas. The ELUR will be put into place once all soil remediation has been completed.

SECTION 2

SITE CONCEPTUAL MODEL AND REMEDIAL OBJECTIVES

2. SITE CONCEPTUAL MODEL AND REMEDIAL OBJECTIVES

The Site Conceptual Model and the remedial objectives developed for BHS remain unchanged as a result of the currently proposed work in the Tank Farm Area. The Site Conceptual Model is presented in detail in the *Revised RAP* (WESTON, 2004) and was developed based on extensive site characterization work performed between 1998 and 2002, that included the installation and sampling of over 40 monitoring wells, the drilling and sampling of over 250 soil borings, and the collection and analysis of over 600 environmental samples of various media. Although these investigations preceded the September 2007 CT DEEP Site Characterization Guidance Document, review of the historical reports confirms that the methods and procedures implemented at the Site comply with this guidance.

For convenience, the key elements of the Site Conceptual Model are summarized below:

- BHS includes approximately 83 acres, just over 25% of which extends beyond the southern site shoreline and into Bridgeport Harbor. The area above mean sea level (amsl) totals approximately 61(±) acres. The generating station was constructed in 1957 with additional units added in 1961 and in 1968, and encompasses just over 100,000 square feet. Of the four main generating units, only two are currently active (Units 3 and 4) and are fueled by coal and/or No. 6 fuel oil (Unit 3) and jet fuel (Unit 4) with an approximate generating capacity of 422 megawatts. The other two power generating units (Unit 1 and Unit 2) were shut down in May 2012 and December 2013, respectively. The primary power plant support facilities that comprise the Site include the bulk oil and coal storage areas and a wastewater treatment plant. At present, buildings, structures, and/or pavement cover approximately 35% of the Site.

- On-site soils are mapped as artificial fill material described as a combination of both earthen and manmade materials that have been artificially emplaced. Boring logs indicate that the fill typically consists of fine-to-medium sand with varying amounts of silt, cinders, coal-ash and chips, brick fragments, river dredge materials, and miscellaneous construction debris. These deposits vary in thickness across the Site but are typically less than 15 feet (ft) thick. Glacial outwash deposits underlying the fill consist primarily of medium-to-dense sand and silt and range from 35 to 85 ft thick. Regional data suggests that the glacial outwash is underlain by a layer of till and that a zone of weathered bedrock is likely present below the till. In total, unconsolidated deposits at BHS range in thickness from 60 to 100 ft and generally thicken from west to east.

- Groundwater at BHS exists under unconfined conditions within the fill material at a depth of about 5 to 10 ft below grade. Horizontal groundwater flow direction is

generally to the east towards the Pequonnock River (Bridgeport Harbor) and the south towards Long Island Sound. Vertical groundwater gradients are low and suggest an upward flow direction. Groundwater from the Site discharges to surface waters of either the River or the Sound. Shallow groundwater levels show a tidal influence that becomes less pronounced the further away from the River and Sound.

- As mentioned above, the eastern and southern portions of the Site were constructed by placement of artificial fill within the Pequonnock River and Long Island Sound. The majority of the filling is believed to have taken place between 1870 and 1890, although smaller scale filling has occurred as late as the 1950s. Historically, the property has been used for a wide range of industrial uses including harbor facilities, metal smelting, furniture manufacturing, railroad lines and railcar maintenance, general manufacturing, solid waste disposal, and a trucking terminal. Western portions of the Site were also historically used as residential property and for commercial activities, including a gasoline station.

- The primary constituents of concern at BHS include PAHs, ETPH, and metals. These compounds have been released to soil and/or groundwater at the Site as a result of a long history of intensive industrial uses and filling dating back to the 1800s. Previous reports describe the nature and extent of the contamination and the various historical sources for each.

BHS meets the definition of an "Establishment" as described in the Connecticut Transfer Act (Section 22a-134 (3)) and as such, the RSRs establish the overall standards for assessing analytical data, designing remedial actions, and correspondingly, minimizing risks to human health and the environment. The remedial objectives for BHS include:

- BHS is located within an area designated as a "GB" groundwater classification. Therefore, the applicable groundwater criteria as stipulated in the RSRs, include the Industrial/Commercial Volatilization Criteria (IVC), which apply to groundwater within 30 ft of the ground surface or a building floor at an industrial or commercial property, and the Surface Water Protection Criteria (SWPC). The SWPC, as provided in the RSRs, apply to the groundwater at the point where it discharges to a surface water body. Alternative SWPC have been developed for the Site utilizing a site-specific dilution factor calculated in accordance with the procedure similar to that presented in the RSRs, but modified to account for tidal flux. The Alternative SWPC for BHS were approved by CT DEEP, in a letter dated 18 December 2007.

- Given the current and projected future use of the Site for electric generation purposes, the applicable soil clean-up standards include the GB Pollutant Mobility Criteria (GB PMC) and the IDEC. The GB PMC apply to soil above the seasonal high groundwater table (SHWT) and the IDEC apply to soil within 15 ft of the ground surface, subject to the exemptions and limitations provided in the RSRs.

- In addition to any planned remedial actions, compliance with the RSRs will also require recording one or more ELURs for the Site.

- There are areas at the Site that have been found to deviate from the RSRs, but are also critical active areas required for the generation of electricity. Such areas include transformer enclosures, the fuel oil Tank Farm, pipe racks, and bulk coal storage area. Remediation of these areas to attain compliance with the RSRs is not possible at this time and therefore has been deferred until they are no longer in service.

PSEG is planning to remove the existing four oil storage tanks from operational service. Once removed from service, the four tanks and the associated containment berm will be demolished and removed. As a result, remediation of polluted soils beneath the Tank Farm can no longer be considered deferred and PSEG hereby submits this Tank Farm Area RAP Addendum to reflect that change.

SECTION 3

ENVIRONMENTAL CONDITIONS IN THE TANK FARM AREA

3. ENVIRONMENTAL CONDITIONS IN THE TANK FARM AREA

The Tank Farm consists of four 7-million-gallon No. 6 fuel oil above-ground storage tanks. Three of the tanks (A, C, and D) have been drained and cleaned and are no longer in use. Tank B currently contains fuel and supplies No.6 fuel oil to Unit 3 when in operation. The Tank Farm area was initially filled in the early 1900s and was occupied by an automobile manufacturing plant. That plant was replaced with two bulk fuel oil tanks in the 1960s that serviced the power generating plant. The two initial bulk fuel oil tanks were replaced by the current four tanks in 1968. A Foam House is located just to the west of the Tank Farm (see Figure 3), extending into PRA 15.

Limited soil sampling performed by PSEG during the initial Phase II Site Characterization had shown that ETPH and PAH are present in soils within and adjacent to the Tank Farm area. These compounds have been found at concentrations exceeding the IDEC and/or GB PMC. Petroleum hydrocarbons presumably related to historic fuel oil spills make up the most widespread contamination, with ETPH concentrations up to 20,000 milligrams per kilogram. Groundwater in this area is located between 6 and 8 fbg and contains low concentrations of volatile organic compounds (VOC), metals, and PAHs, all at concentrations below the applicable site-specific Alternative SWPC. In anticipation of the planned removal of the tanks from service, additional soil sampling was performed by WESTON in November 2014 in the vicinity of the Tank Farm and Foam House to better assess the nature and extent of soil contamination and evaluate remedial options.

3.1 DESCRIPTION OF RECENT SOIL INVESTIGATION

As mentioned above, the objective of this recent investigation was to obtain addition soil analytical data to allow a more detailed assessment of the extent of environmental impacts to the unsaturated soil beneath the Tank Farm and thereby develop a remedial approach.

The soil investigation included drilling 18 soil borings within the Tank Farm to a depth of 8 fbg, which is coincident with the average groundwater level as measured in nearby monitoring wells. Figure 3 shows the locations of the 18 new borings as well as all previous borings. The new borings were advanced manually or mechanically by Seaboard Drilling Inc. of Springfield,

Massachusetts, a Connecticut-certified drilling contractor, using a Macro-Core sampler to obtain a continuous soil core. The cores were examined and logged by a geologist in the field, screened for VOCs using a photo-ionization detector (PID), and soil samples were collected for laboratory testing. Selected boring locations could not be advanced to the targeted 8 ft depth below grade due to refusal during drilling. The borings that could not be advanced to the target depth of 8 ft below grade were:

- SB-75 (refusal at 6 fbg)
- SB-76 (refusal at 7 fbg)
- SB-84 (refusal at 6.5 fbg)
- SB-85 (refusal at 4 fbg)
- SB-88 (refusal at 7.5 fbg)
- SB-90 (refusal at 7.5 fbg)

Up to two samples were collected from each boring, except location SB-78 where no samples were collected and SB-90 where three samples were collected. Soils observed during drilling at SB-78 were well sorted sands with no PID readings above background and no visual or olfactory signs of contamination, so no samples were collected for laboratory analysis. Location SB-90 is located outside the Tank Farm to the west in an area of known contamination near the Foam House, so three samples were collected at this location in order to better evaluate the vertical extent of soil impacts. Table 1 provides a summary of the soil sampling program as well as a listing of historical soil samples collected from the Tank Farm area. Soil samples were analyzed at TestAmerica Laboratories Inc. of Edison, New Jersey, a Connecticut-certified analytical laboratory, for total VOCs, total and Synthetic Precipitation Leaching Procedure (SPLP) semi-volatile organic compounds (SVOC), and ETPH. In addition, two samples were analyzed for SPLP VOCs. Soil cuttings were used to backfill the borings.

Sampling equipment was decontaminated between borings by washing with potable water and alconox detergent, and rinsing with potable water.

Geologic logs were prepared for each soil boring and are provided in Attachment 1. The logs include a description of the soils, the estimated depth to groundwater, a summary of field PID screening results, observations of gross contamination (staining or odors), and the interval sampled for off-site laboratory analysis.

Prior to mobilizing to the field, the local utility notification system (Call Before You Dig) was contacted to mark out subsurface utilities. An Excavation Permit was completed in accordance with Station requirements to document subsurface utility clearance. The existing *Health and Safety Plan* was updated to include this work. Daily safety briefings were held with PSEG and the drilling subcontractor each morning to review the scheduled work and discuss possible hazards. All work was completed without incident, and no utilities were encountered during the work.

3.2 RESULTS AND FINDINGS

The analytical data provided by the laboratory were validated and compared to the appropriate RSRs. As mentioned above, the GB PMC and the IDEC are applicable to the unsaturated soils in the Tank Farm. Results from previous soil borings were also included in the evaluation to provide an overall estimate of the soil impacts within the Tank Farm area. Tables 2 and 3 summarize the results and comparison to standards. The full laboratory analytical reports are provided in Attachment 2. The compounds detected in soil samples from each boring are shown on Figure 4 to illustrate the location and extent of impacts.

3.2.1 Findings

Overall, the results from the 18 new soil borings drilled during this investigation were consistent with previous results. Soils encountered were generally fill material consisting of a fine to coarse sand matrix with minor amounts of anthropogenic debris including cinders, slag, brick fragments, and ash. Unsaturated soil was generally light brown or tan in color, while saturated soils were typically grey. Fill was observed from the ground surface to the full depth of 8 fbg in each boring, indicating that this area had initially been tidal wetland and open water that had been filled. This is consistent with known history, which indicates the area was filled in the early 1900s to facilitate construction of the automobile manufacturing plant.

Groundwater was encountered at a depth of between 4 and 8 fbg. In general, groundwater was encountered shallowest along the southern edge of the Tank Farm (borings SB-78, SB-86, SB-87, and SB-88) at 4 to 5 fbg. Over the central portion of the Tank Farm, groundwater was encountered between 6 and 7 fbg. Only in the northeast corner of the Tank Farm (SB-74) was groundwater encountered deeper than 7 fbg.

At location SB-85, a concrete pad was encountered at 4 fbg. Six attempts were made over a 10-ft by 10-ft area to get past the pad but to no avail. The full extent of the concrete pad is unknown, but it is at least 100 square feet. Further, brick and mortar debris mixed with weathered No. 6 fuel oil was encountered 1 to 2 ft above the concrete pad.

Weathered #6 fuel oil encountered in soil boring SB-85.



Soil core from SB-85 showing brick and mortar fragments and weathered No. 6 fuel oil.



Soil core from SB-86 showing tan unsaturated soil from 0 to 4 fbg and grey saturated soil from 4 to 8 fbg with ash and cinder at 6 to 7 fbg.



3.2.2 Comparison with Pollutant Mobility Criteria

The laboratory results were compared to the GB PMC. In a GB area, compliance with the GB PMC is required for soils above the seasonally high water table. The seasonally high water table was measured to be approximately 5 to 6 fbg in the Tank Farm area.

Total results were compared directly to the criteria (see Table 2) while SPLP results were compared to 10x the Ground Water Protection Criteria and the approved site-specific Alternative SWPC (see Table 3). Two compounds were identified with total concentrations exceeding the GB PMC: ETPH and trichloroethylene (TCE). Exceedances of the GB PMC were identified at 11 locations (see Figure 4), with 2 of the 11 related to TCE and the remaining 9 related to ETPH. SPLP tests were not performed for either TCE or ETPH. TCE is found in groundwater in the vicinity of the Tank Farm (albeit at concentrations below applicable cleanup criteria – see Section 4.4) suggesting that it is leaching from soil and the ETPH test is considered by CT DEEP to represent leaching conditions so SPLP analysis is not applicable for ETPH.

A number of PAHs were also found to exceed the GB PMC based on total results, but the SPLP test results confirmed that those compounds were not leaching from the soil at concentrations that pose a threat to groundwater, so they are not considered to be out of compliance with the RSRs.

ETPH exceedances were also noted at historical borings GP-24, TB-055, and TB-056; however, the contamination at these locations was located below the seasonal low groundwater level. Exceedances of the ETPH criteria were also identified at historical boring GP-16, but that contamination was removed as part of a remediation effort completed in March 2002.

The locations with ETPH GB PMC exceedances were generally focused at the west end of the Tank Farm and the vicinity of the Foam House. The exception to this is HA-05 which is near the east end of the Tank Farm. The area southeast of Tank B (the northwest tank) appears to contain the most continuous area of ETPH contamination and is also where the weathered No. 6 fuel oil pictured above was found. This may be related to the buried concrete pad which might be part of the infrastructure for the old fuel oil tanks or possibly the automobile manufacturing plant. The other ETPH areas appear to be discontinuous and localized.

The TCE exceedances are located near the center of the Tank Farm and in the southwest corner at borings SB-76 and SB-89. TCE has historically been found in groundwater downgradient of these locations, although at low concentrations below the approved Alternative SWPC.

3.2.3 Comparison with Industrial/Commercial Direct Exposure Criteria

The laboratory results for the total analysis were compared to the IDEC. The IDEC is applicable to soils down to 4 fbg or 2 fbg under asphalt. Additionally, the IDEC does not apply to soil under permanent structures as long as an ELUR is in place.

Three compounds were found to exceed the IDEC: ETPH, dibenzo(a,h)anthracene, and benzo(a)pyrene (see Table 2). The IDEC exceedances were found at 18 locations as shown on Figure 4. Of the 18 locations, 12 exceeded for ETPH, 9 exceeded for benzo(a)pyrene, and only 1 exceeded for dibenzo(a,h)anthracene; showing that ETPH is the predominant contaminant in the Tank Farm area. The exceedances are widely scattered along the centerline of the Tank Farm along an east-west axis and extending west to the vicinity of the Foam House.

3.3 SUMMARY

In an effort to better define the extent of the soil contamination and evaluate remedial options, WESTON advanced 18 soil borings and collected 24 soil samples for analytical testing. The

analytical results from the soil samples were compared to the CT DEEP IDEC and GB PMC to assess the extent of the impacts.

The results of the recent investigation confirmed that ETPH and PAHs are the main contaminants of concern in the Tank Farm, but also identified TCE in soil at two locations above the GB PMC. The PAHs were shown to not readily leach from soils and determined to be in compliance with the GB PMC. As a result, ETPH and TCE are the contaminants driving remediation related to GB PMC exceedances. However, two PAHs (benzo(a)pyrene and dibenzo(a,h)anthracene) were found to exceed the IDEC and combined with ETPH, are the drivers for remediation related to the IDEC.

SECTION 4

REMEDIAL ACTION PLAN REVISIONS

4. REMEDIAL ACTION PLAN REVISIONS

Soil analytical results show exceedances of the GB PMC and IDEC in the vicinity of the Tank Farm and Foam House. Remediation is required to achieve compliance with the RSRs. Figures 5 and 6 show the locations of the IDEC and GB PMC exceedances, respectively and the estimated area(s) of impact for each.

The remediation plans for all PRAs other than PRA 13, PRA15 and PRA 16 remain unchanged and are not reiterated in this addendum. As mentioned previously, remediation of soils exceeding applicable RSR cleanup criteria is required once the Tank Farm is removed from service and demolished.

4.1 INDUSTRIAL DIRECT EXPOSURE CRITERIA EXCEEDANCES

As described above, IDEC exceedances for ETPH and PAHs were found at 18 locations widely scattered across the Tank Farm and near the Foam House (Figure 5). The polluted soils exceeding the IDEC can be remediated using an Engineered Control of 1 foot of clean fill with a vegetative cover overlaying an orange geotextile warning layer or crushed stone overlaying an orange geotextile warning layer. An alternative method of placing a minimum of 4 feet of clean fill above the polluted soils is also being considered which would render the polluted soils inaccessible as defined in the RSRs. Although not required, an orange geotextile warning layer would be placed between the polluted soil and the clean fill to provide a demarcation between the two in case of future deep excavation work.

4.2 POLLUTANT MOBILITY CRITERIA EXCEEDANCES

As discussed in Section 3, exceedances of the GB PMC requiring some form of remediation were found at 11 locations (see Figure 6). Several of the exceedances are located in close proximity to each other (SB-82, SB-85, HA-10, and GP-22) and have been interpreted to represent a single larger area of contamination. The remaining locations are spread out and are believed to represent small, discrete pockets of contamination. The GB PMC exceedances can be mitigated by removing the impacted soils or by environmentally isolating the soils by installing an impermeable Engineered Control or a permanent structure with a concrete foundation on top of the polluted soil.

Because many of the soil exceedances are interpreted to be small, isolated pockets of contamination, they can be removed for a reasonable cost. However, the cost to excavate the larger continuous area of contamination (defined by SB-82, SB-85, HA-10, and GP-22 as shown on Figure 6) is prohibitive and as a result, environmental isolation of soil in that area under a permanent structure will be performed in lieu of excavation.

The remediation plan for GB PMC exceedances in PRAs 13 and 15 is to excavate the smaller, isolated areas and consolidate that soil into the single larger area beneath a future permanent structure. The permanent structure will be designed and constructed such that surface runoff and runoff from roof drains is directed away from the area where the polluted soil was placed.

4.3 NON-AQUEOUS PHASE LIQUIDS

The RSRs require that non-aqueous phase liquids (NAPL) be removed to the extent practical. As noted previously, weathered No. 6 fuel oil was identified in boring SB-85 associated with a concrete slab and brick structure. The NAPL-saturated soil in this area will be excavated and properly disposed off-site.

4.4 GROUNDWATER

As mentioned previously, groundwater downgradient of the Tank Farm contains low concentrations of PAHs and VOCs associated with petroleum products. Chlorinated solvents, including TCE, are also present in groundwater. The concentrations of compounds as measured in monitoring wells MW-21, MW-22, MW-23, and MW-30 are below the Alternative SWPC and, therefore, are currently in compliance with the RSRs.

WESTON compared the most recent groundwater quality results from monitoring wells in the tank farm area to the CT DEEP Industrial/Commercial Volatilization Criteria for Groundwater (IVC). None of the compounds in groundwater were found at concentrations exceeding the IVC, indicating that indoor air within potential future structures would not be significantly impacted by groundwater. PSEG will continue to monitor CT DEEP regulatory updates with regard to TCE in indoor air and would modify the proposed remedy to comply with new directives, in the event that any new directives would impact potential future development of the area.

Such modification might include the installation of a vapor barrier or active soil vapor mitigation system on future possible construction in this area.

Additional groundwater monitoring will be performed to assess potential changes in groundwater quality as a result of the demolition of the Tank Farm. No active groundwater remediation is currently planned for BHS.

SECTION 5

REFERENCES

5. REFERENCES

Roy F. Weston, Inc. (WESTON), 2000a, *Phase I Environmental Assessment*, Wisvest Corporation and Wisvest-Connecticut, LLC, Bridgeport Harbor Station, Bridgeport, Connecticut, November 2000.

WESTON, 2000b, *Phase II/III Environmental Site Investigation*, Wisvest Corporation and Wisvest-Connecticut, LLC, Bridgeport Harbor Station, Bridgeport, Connecticut, November 2000.

WESTON, 2001a, *Comprehensive Site Investigation Report*, Wisvest Corporation and Wisvest-Connecticut, LLC, Bridgeport Harbor Station, Bridgeport, Connecticut, April 2001.

WESTON, 2001b, *Remedial Action Plan*, Wisvest Corporation and Wisvest-Connecticut, LLC, Bridgeport Harbor Station, Bridgeport, Connecticut, September 2001.

Weston Solutions, Inc. (WESTON), 2004, *Revised Remedial Action Plan*, PSEG Power Connecticut, LLC, Bridgeport Harbor Station, Bridgeport, Connecticut, August 2004.

WESTON, 2008a. *Excavation Closure Report for PRAs 8, 10, and RAA3W in Support of Baghouse Project Construction*. January.

WESTON, 2008b. *Revised Remedial Action Plan Addendum, Bridgeport Harbor Station, Bridgeport, Connecticut*. PSEG Power Connecticut, LLC, Bridgeport Harbor Station, Bridgeport, Connecticut. April.

FIGURES



Legend

Site Boundary

N
W E
S

0 750 1,500 3,000

Feet

Figure 1
Site Location
PSEG
Bridgeport Harbor Station

WESTON SOLUTIONS

T:\PSEG\Bridgeport\MXD\Site_loc.mxd 02/22/05

M:\Design\DWG\PSEG\Bridgeport\2014\Tank Farm Investigation Report\FIG 2.dwg, Layout1, 12/12/2014 2:47:25 PM, girardeb, 1:1

PRA 8

PSEG PROPERTY BOUNDARY

PRA 1

PRA 88

PRA 2

PRA 5

PRA 9

PRA 8

PRA 8

PRA 10

PRA 8

PRA 3

RAA3W

PRA 6

PRA 4

PRA 14

PRA 12

PRA 11

PRA 16

PRA 15

PRA 13

LEGEND

- ENGINEERED CONTROL
- REMEDIAL ACTION DEFERRED (OPERATING UNITS)
- PROPOSED EXCAVATION
- REMEDIATION NOT REQUIRED
- REMEDIATION (EXCAVATION) COMPLETED

GRAPHIC SCALE

250 125 0 125 250

APPROXIMATE SCALE IN FEET

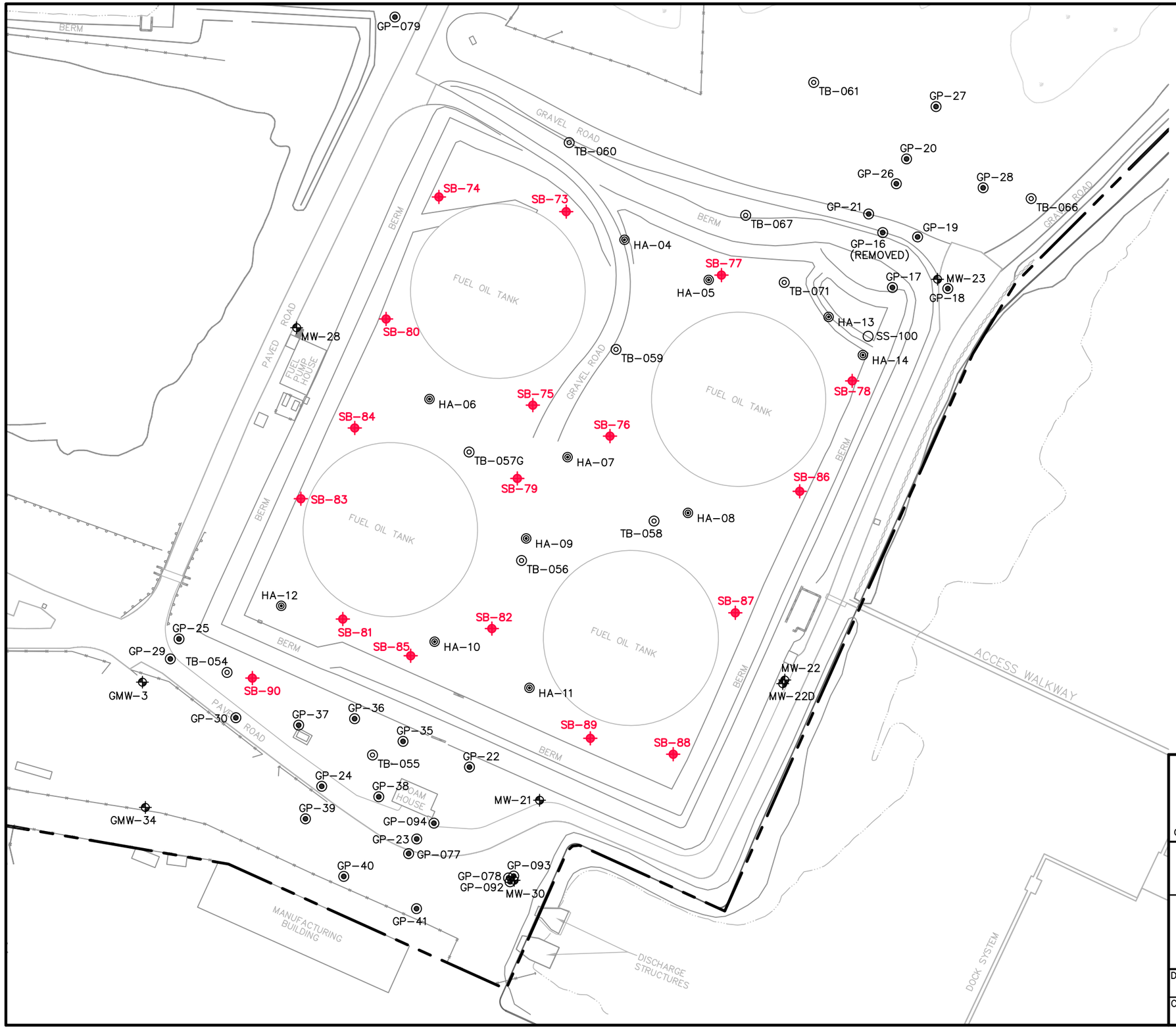
BRIDGEPORT HARBOR STATION LAYOUT

PSEG POWER CONNECTICUT LLC
BRIDGEPORT HARBOR STATION
BRIDGEPORT, CONNECTICUT

WESTON SOLUTIONS

CONCORD NEW HAMPSHIRE

DRAWN	DATE	DES. ENG.	DATE	W.O. NO.
BEG	DEC 2014			13004.002.009
CHECKED	DATE	SCALE	REVISION	FIGURE NO.
KTS	DEC 2014	AS SHOWN		2



LEGEND

SB-79	SOIL BORING LOCATION
MW-21	MONITORING WELL LOCATION
GP-36	GEOPROBE BORING LOCATION
HA-09	HAND AUGER LOCATION
TB-056	TEST BORING LOCATION
SS-100	SURFACE SOIL LOCATION
	FENCE
	PROPERTY BOUNDARY

GRAPHIC SCALE

100 50 0 50 100

APPROXIMATE SCALE IN FEET

SOURCE:

1) ALTA/ACSM LAND TITLE SURVEY PREPARED FOR WISVEST-CONNECTICUT LLC, BRIDGEPORT HARBOR STATION, JOB NO. 99021A19, PHASE 8045, SHEETS 3&4 OF 4, BY FUSS & O'NEILL INC OF MANCHESTER, CT, DATED 10/15/2002.
2) UPDATED BY WESTON IN LIMITED AREAS BASED ON SITE RECONNAISSANCE IN MARCH, 2013.

WESTON SOLUTIONS

CONCORD NEW HAMPSHIRE

PSEG POWER CONNECTICUT LLC
BRIDGEPORT HARBOR STATION
BRIDGEPORT, CONNECTICUT

SOIL BORING LOCATION MAP

DRAWN	DATE	DES. ENG.	DATE	W.O. NO.
BEG	DEC 2014			13004.002.009
CHECKED	DATE	SCALE	REVISION	FIGURE NO.
KTS	DEC 2014	AS SHOWN		3

M:\Design\DWG\PSEG\Bridgeport\2014\Tank Farm Investigation Report\FIG 3.dwg, Base Plan, 12/15/2014 11:18:31 AM, girardeb, 1:1

SB-77	
11/11/2014	
Depth: 5-6	
Benzo(a)anthracene	2.1
Benzo(a)pyrene	1.8
Benzo(b)fluoranthene	2.2
Chrysene	2.1
Indeno(1,2,3-cd)pyrene	1.7
SPLP SVOCs	None

SB-75	
11/10/2014	
Depth: 5-6	
Benzo(a)anthracene	3
Benzo(a)pyrene	3.4
Benzo(b)fluoranthene	4.5
Benzo(k)fluoranthene	1.4
Chrysene	3.4
Dibenzo(a,h)anthracene	1.2
Indeno(1,2,3-cd)pyrene	4.6
SPLP SVOCs	None

SS-100	
7/2/1998	
Depth: 0-1 ft	
ETPH	155,000
VOCs	None
SVOCs	None

SB-76	
11/11/2014	
Depth: 5-6	
Trichloroethene	41
Benzo(a)anthracene	1.8
Benzo(a)pyrene	2
Benzo(b)fluoranthene	2.6
Chrysene	2.1
Indeno(1,2,3-cd)pyrene	2.1
SPLP SVOCs	None

HA-05		
9/3/1999		
Depths:	0-2	2-4
ETPH	2,660	None
Benzo(a)anthracene	1	None
Chrysene	2.2	None
SPLP SVOCs	None	NA

HA-09		
9/3/1999		
Depths:	0-2	2-4
Benzo(a)anthracene	None	1
Chrysene	None	1.1
SPLP SVOCs	NA	None

SB-79	
11/11/2014	
Depth: 5-6	
Benzo(a)anthracene	1.5
Benzo(a)pyrene	1.3
Benzo(b)fluoranthene	1.6
Chrysene	1.6
Indeno(1,2,3-cd)pyrene	1.3
SPLP SVOCs	None

GP-25		
3/28/2000		
Depths:	0-2	4-6
Benzo(b)fluoranthene	None	1.2
SPLP SVOCs	NA	None

TB-056	
6/8/1998	
Depth: 8-10 ft	
ETPH	3,786
VOCs	None
SVOCs	None

SB-82		
11/11/2014		
Depths:	5-6	6.5-7.5
ETPH	None	13,000
VOCs	None	None
SVOCs	None	None
SPLP VOCs	NA	None
SPLP SVOCs	None	None

TB-054	
6/11/1998	
Depth: 2-4 ft	
ETPH	3,981
VOCs	None
SVOCs	None

HA-10		
Dates:	9/3/1999	4/5/2000
Depths:	0-2	2-4
ETPH	4,380	20,000
Benzo(a)anthracene	2.2	None
Benzo(a)pyrene	2	None
Benzo(b)fluoranthene	6.7	None
Benzo(k)fluoranthene	1.3	None
Chrysene	3.1	None
SPLP SVOCs	None	NA

HA-11	
9/3/1999	
Depth: 0-2 ft	
Benzo(a)anthracene	1.2
Chrysene	1.2

SB-85	
11/12/2014	
Depth: 1-2	
ETPH	6,500
Benzo(a)anthracene	2.2
Benzo(a)pyrene	2.6
Benzo(b)fluoranthene	2.6
Chrysene	2.8
Indeno(1,2,3-cd)pyrene	2.6
SPLP SVOCs	None

TB-055	
6/16/1998	
Depth: 8-10 ft	
ETPH	5,733
VOCs	None
SVOCs	None

SB-88		
11/12/2014		
Depths:	5-6	6.5-7.5
Benzo(a)anthracene	None	1.5
Benzo(a)pyrene	None	1
Benzo(b)fluoranthene	None	1.3
Chrysene	None	1.4
SPLP VOCs	NA	None
SPLP SVOCs	None	None

GP-24			
3/28/2000			
Depths:	0-2	3-5	8-9
ETPH	None	None	8,500
Benzo(a)anthracene	3.5	None	None
Benzo(a)pyrene	4	None	None
Benzo(b)fluoranthene	4.5	None	None
Chrysene	2.6	None	None
Indeno(1,2,3-cd)pyrene	2	None	None
SPLP SVOCs	None	NA	NA

GP-22			
3/25/2000			
Depths:	0-2	3-5	7-8
ETPH	None	None	12,000
SVOCs	None	None	None

SB-89		
11/12/2014		
Depths:	5-6	6-7
Trichloroethene	None	3.6
Benzo(a)anthracene	None	2
Benzo(a)pyrene	None	2.7
Benzo(b)fluoranthene	None	3.2
Benzo(k)fluoranthene	None	1.1
Chrysene	None	2.4
Indeno(1,2,3-cd)pyrene	NA	2.8
SPLP SVOCs	None	None

GP-23			
3/28/2000			
Depths:	0-2	3-5	7-8
ETPH	None	8,200	16,000
SVOCs	None	None	None

MW-030			
10/30/2000			
Depths:	0-4	4-8	8-10
ETPH	6,900	None	None

Notes:
All results are milligrams per kilogram (mg/kg)
CTDEEP RSRs = Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations
GB PMC = GB Pollutant Mobility Criteria
IDEC = Industrial Direct Exposure Criteria
ETPH = extractable petroleum hydrocarbons
VOCs = volatile organic compounds
SVOCs = semivolatile organic compounds
SPLP = sythetic precipitation leaching procedure

Summary of analytes exceeding CTDEEP RSRs. Refer to Table 2 for all detections.

Analyte	CTDEEP RSRs	
	GB PMC	IDEC
ETPH	2,500	2,500
Benzo(a)anthracene	1	7.8
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	7.8
Benzo(k)fluoranthene	1	78
Chrysene	1	780
Dibenzo(a,h)anthracene	1	1
Indeno(1,2,3-cd)pyrene	1	7.8
Trichloroethene	1	520

Exceeds GB PMC
Exceeds both GB PMC and IDEC
None = No exceedances of GB PMC or IDEC
NA = Not analyzed

LEGEND
- NO SAMPLE COLLECTED
- SB-79 SOIL BORING LOCATION
- MW-21 MONITORING WELL LOCATION
- GP-36 GEOPROBE BORING LOCATION
- HA-09 HAND AUGER LOCATION
- TB-056 TEST BORING LOCATION
- SS-100 SURFACE SOIL LOCATION
- FENCE
- PROPERTY BOUNDARY

GRAPHIC SCALE
50 25 0 25 50
APPROXIMATE SCALE IN FEET

SOURCE:
1) ALTA/ACSM LAND TITLE SURVEY PREPARED FOR WSVEST-CONNECTICUT LLC, BRIDGEPORT HARBOR STATION, JOB NO. 99021A19, PHASE 8045, SHEETS 3&4 OF 4, BY FUSS & O'NEILL INC OF MANCHESTER, CT, DATED 10/15/2002.
2) UPDATED BY WESTON IN LIMITED AREAS BASED ON SITE RECONNAISSANCE IN MARCH, 2013.

NO.	DATE	APPR.	REVISION

PSEG POWER CONNECTICUT LLC
BRIDGEPORT HARBOR STATION
BRIDGEPORT, CONNECTICUT

WESTON SOLUTIONS
CONCORD NEW HAMPSHIRE

CHECKED	DATE	CLIENT APPROVALS	DATE
DES. ENG.			
PROJ. ENG.			
PROJ. MGR.			
APPROVED			
APPROVED		ISSUED FOR	DATE

SOIL ANALYTICAL EXCEEDANCES

DRAWN	DATE	FIGURE NO.	REV. NO.
BEG	DEC 2014	4	
SCALE	W.O. NO.	SHT. ___ OF ___	
AS SHOWN	13004.002.009		

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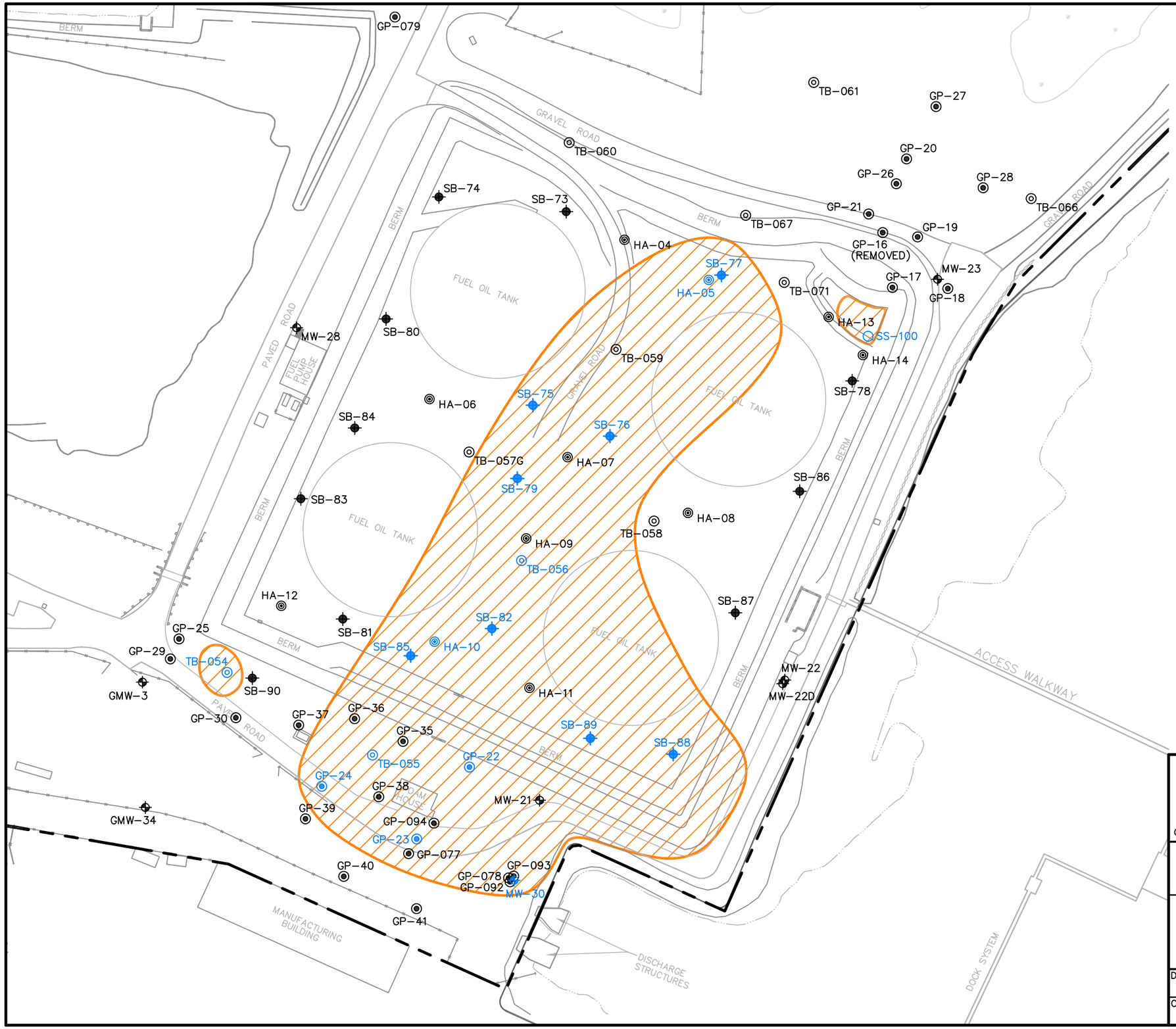

LEGEND

- ESTIMATED AREA THAT EXCEEDS CT DEEP IDEC
- SB-76 — SAMPLE LOCATION THAT EXCEEDS CT DEEP IDEC
- SB-79 — SOIL BORING LOCATION
- MW-21 — MONITORING WELL LOCATION
- GP-36 — GEOPROBE BORING LOCATION
- HA-09 — HAND AUGER LOCATION
- TB-056 — TEST BORING LOCATION
- SS-100 — SURFACE SOIL LOCATION
- FENCE
- PROPERTY BOUNDARY

GRAPHIC SCALE

100 50 0 50 100

APPROXIMATE SCALE IN FEET

SOURCE:

1) ALTA/ACSM LAND TITLE SURVEY PREPARED FOR WISVEST–CONNECTICUT LLC, BRIDGEPORT HARBOR STATION, JOB NO. 99021A19, PHASE 8045, SHEETS 3&4 OF 4, BY FUSS & O'NEILL INC OF MANCHESTER, CT, DATED 10/15/2002.
2) UPDATED BY WESTON IN LIMITED AREAS BASED ON SITE RECONNAISSANCE IN MARCH, 2013.
3) CT DEEP IDEC = CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA.

WESTON SOLUTIONS

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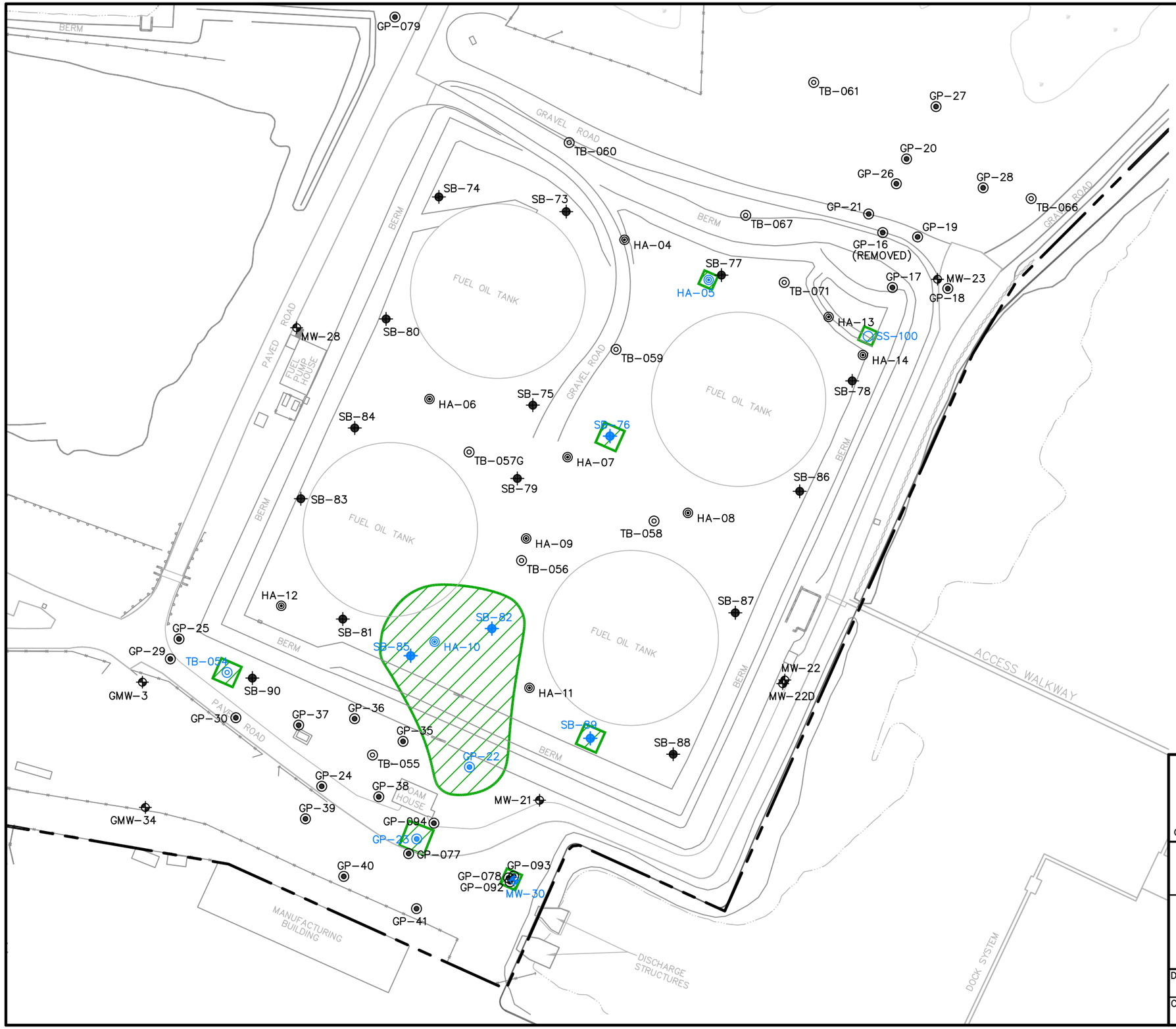
PSEG POWER CONNECTICUT LLC
BRIDGEPORT HARBOR STATION
BRIDGEPORT, CONNECTICUT

ESTIMATED EXTENT OF IDEC EXCEEDANCES

DRAWN	DATE	DES. ENG.	DATE	W.O. NO.
BEG	DEC 2014			13004.002.009
CHECKED	DATE	SCALE	REVISION	FIGURE NO.
KTS	DEC 2014	AS SHOWN		5

M:\Design\DWG\PSEG\Bridgeport\2014\Tank Farm Investigation Report\FIG 5.dwg, Base Plan, 12/15/2014 11:52:14 AM, girardeb, 1:1



LEGEND

- ESTIMATED AREA THAT EXCEEDS CT DEEP GB PMC
- SB-76 — SAMPLE LOCATION THAT EXCEEDS CT DEEP GB PMC
- SB-79 — SOIL BORING LOCATION
- MW-21 — MONITORING WELL LOCATION
- GP-36 — GEOPROBE BORING LOCATION
- HA-09 — HAND AUGER LOCATION
- TB-056 — TEST BORING LOCATION
- SS-100 — SURFACE SOIL LOCATION
- FENCE
- PROPERTY BOUNDARY

GRAPHIC SCALE

100 50 0 50 100

APPROXIMATE SCALE IN FEET

SOURCE:

1) ALTA/ACSM LAND TITLE SURVEY PREPARED FOR WISVEST–CONNECTICUT LLC, BRIDGEPORT HARBOR STATION, JOB NO. 99021A19, PHASE 8045, SHEETS 3&4 OF 4, BY FUSS & O'NEILL INC OF MANCHESTER, CT, DATED 10/15/2002.
2) UPDATED BY WESTON IN LIMITED AREAS BASED ON SITE RECONNAISSANCE IN MARCH, 2013.
3) CT DEEP GB PMC = CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION POLLUTANT MOBILITY CRITERIA FOR GB GROUNDWATER.

CONCORD NEW HAMPSHIRE

PSEG POWER CONNECTICUT LLC
BRIDGEPORT HARBOR STATION
BRIDGEPORT, CONNECTICUT

ESTIMATED EXTENT OF GB PMC EXCEEDANCES

DRAWN	DATE	DES. ENG.	DATE	W.O. NO.
BEG	DEC 2014			13004.002.009
CHECKED	DATE	SCALE	REVISION	FIGURE NO.
KTS	DEC 2014	AS SHOWN		6

M:\Design\DWG\PSEG\Bridgeport\2014\Tank Farm Investigation Report\FIG 6.dwg, Base Plan, 12/15/2014 11:56:54 AM, girardeb, 1:1

TABLES

Table 1
Summary of Soil Sampling Program
Tank Farm Area, PSEG Bridgeport Harbor Station

Location ID	Date	Depth (ft bgs)	Analyses				
			ETPH	VOCs	SVOCs	SPLP VOCs	SPLP SVOCs
SB-73	11/11/2014	3-4	X	X	X		X
SB-74	11/10/2014	2-3	X	X	X		X
SB-75	11/10/2014	5-6	X	X	X		X
SB-76	11/11/2014	5-6	X	X	X		X
SB-77	11/11/2014	5-6	X	X	X		X
SB-79	11/11/2014	5-6	X	X	X		X
SB-80	11/11/2014	3-4					X
		4-5	X	X	X		
SB-81	11/11/2014	1-2					X
		4-5	X	X	X		
SB-82	11/11/2014	5-6	X	X	X		X
		6.5-7.5	X	X	X	X	X
SB-83	11/11/2014	5-6	X	X	X		X
SB-84	11/11/2014	5.5-6.5	X	X	X		X
SB-85	11/12/2014	1-2	X	X	X		X
SB-86	11/12/2014	4-5	X	X	X		X
		6-7	X	X	X		X
SB-87	11/12/2014	2-3	X	X	X		X
		5-6	X	X	X		X
SB-88	11/12/2014	5-6	X	X	X		X
		6.5-7.5	X	X	X	X	X
SB-89	11/12/2014	5-6	X	X	X		X
		6-7	X	X	X		X
SB-89	11/12/2014	5-6	X	X	X		X
SB-90	11/12/2014	1-2	X	X	X		X
		4-5	X	X	X		X
		6-7	X	X	X		X
GP-16	9/2/1999	2 - 4	X				
		4 - 6	X				
GP-17	9/2/1999	0 - 2	X				
		4 - 6	X				
GP-19	3/27/2000	0 - 2	X				
GP-20	3/27/2000	0 - 2	X				
		3 - 5	X				
		6 - 7	X				
GP-21	3/27/2000	0 - 2	X				

Table 1
Summary of Soil Sampling Program
Tank Farm Area, PSEG Bridgeport Harbor Station

Location ID	Date	Depth (ft bgs)	Analyses				
			ETPH	VOCs	SVOCs	SPLP VOCs	SPLP SVOCs
GP-22	3/28/2000	0 - 2	X		X		
		3 - 5	X		X		
		7 - 8	X		X		
GP-23	3/28/2000	0 - 2	X		X		
		3 - 5	X		X		
		7 - 8	X		X		
GP-24	3/28/2000	0 - 2	X		X		
		3 - 5	X		X		
		8 - 9	X		X		
GP-25	3/28/2000	0 - 2	X		X		
		4 - 6	X		X		
GP-27	3/27/2000	0 - 2	X				
GP-28	3/28/2000	0 - 2	X				
GP-35	8/29/2000	0 - 4	X				
GP-36	8/29/2000	0 - 4	X				
GP-37	8/29/2000	0 - 4	X				
GP-38	8/29/2000	0 - 4	X				
GP-39	8/29/2000	0 - 4	X				
GP-40	8/29/2000	0 - 4	X				
GP-41	8/29/2000	0 - 4	X				
GP-77	8/13/2003	0 - 4	X				
GP-78	8/13/2003	0 - 4	X				
GP-92	9/4/2003	0 - 4	X				
GP-93	9/4/2003	0 - 4	X				
GP-94	9/4/2003	3 - 5	X				
HA-04	9/2/1999	0 - 2	X		X		
HA-05	9/3/1999	0 - 2	X		X		X
		2 - 4	X		X		
HA-06	9/3/1999	0 - 2	X		X		
		2 - 4	X		X		
HA-07	9/3/1999	0 - 2	X		X		X
HA-08	9/3/1999	0 - 2	X		X		
		2 - 4	X		X		
HA-09	9/3/1999	0 - 2	X		X		
		2 - 4	X		X		X
HA-10	9/3/1999	0 - 2	X		X		X
	4/5/2000	2 - 4	X		X		

Table 1
Summary of Soil Sampling Program
Tank Farm Area, PSEG Bridgeport Harbor Station

Location ID	Date	Depth (ft bgs)	Analyses				
			ETPH	VOCs	SVOCs	SPLP VOCs	SPLP SVOCs
HA-11	9/3/1999	0 - 2	X		X		
HA-12	4/5/2000	0 - 2	X		X		
		2 - 4	X		X		
HA-13	4/5/2000	0 - 2	X				
		2 - 4	X				
HA-14	4/5/2000	0 - 2	X				
		2 - 4	X				
MW-023	6/2/1998	8 - 10	X	X	X		
MW-028	6/1/1998	0 - 2	X	X	X		
MW-030	10/30/2000	4 - 8	X				
		8 - 10	X				
		0 - 4	X				
SS-100	7/2/1998	0 - 1	X	X	X		
TB-054	6/11/1998	2 - 4	X	X	X		
TB-055	6/16/1998	8 - 10	X	X	X		
TB-056	6/8/1998	8 - 10	X	X	X		
TB-057G	6/19/1998	4 - 8	X	X	X		
TB-058	6/8/1998	8 - 10	X	X			
		10-12	X				
TB-059	6/8/1998	4 - 6	X	X	X		
TB-060	6/10/1998	12 - 14	X	X	X		
TB-061	6/10/1998	4 - 6	X	X	X		
TB-066	7/2/1998	6 - 8	X	X	X		
		12 - 14		X			
TB-067	7/2/1998	5 - 7	X	X	X		
TB-071	7/2/1998	8 - 10	X	X	X		

Notes:

This table does not included samples collected for metals analysis, as metals were determined to not be contaminants of concern for these areas.

ft bgs = feet below ground surface

ETPH = Extractable Total Petroleum Hydrocarbons

VOCs = Volatile Organic Compounds

SVOCs = Semivolatile Organic Compounds

SPLP = Synthetic Precipitation Leaching Procedure

Table 2
Summary of Total Analytical Detections
Tank Farm Area, PSEG Bridgeport Harbor Station

Analyte	CTDEEP RSRs		Station:	SB-73	SB-74	SB-75	SB-76	SB-77	SB-79	SB-80	SB-81	SB-82		SB-83	SB-84	SB-85	SB-86		SB-87	
	GB PMC	IDEC	Date:	11/11/2014	11/10/2014	11/10/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014	11/11/2014		11/11/2014	11/11/2014	11/12/2014	11/12/2014		11/12/2014	
			Depth:	3-4	2-3	5-6	5-6	5-6	5-6	4-5	4-5	5-6	6.5-7.5	5-6	5.5-6.5	1-2	4-5	6-7	2-3	5-6
Extractable Total Petroleum Hydrocarbons (ETPH)																				
ETPH	2,500	2,500	mg/kg	330	670	1,200	340	2,100	260	39	1.2 U	55	**13,000**	92	1.3 U	**6,500**	1.3 U	28	1.5 U	1.4 U
Semivolatile Organic Compounds (SVOCs)																				
2-Methylnaphthalene	9.8	2,500	mg/kg	0.42 U	0.38 U	0.78 U	0.47 U	0.91 U	0.42 U	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	0.77 U	0.38 U	0.38 U	0.44 U	0.41 U
Acenaphthene	84	2,500	mg/kg	0.42 U	0.38 U	0.78 U	0.47 U	0.91 U	0.93	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	0.77 U	0.38 U	0.38 U	0.44 U	0.41 U
Anthracene	400	2,500	mg/kg	0.42 U	0.38 U	0.78 U	0.47	1.5	1.1	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	0.77 U	0.38 U	0.38 U	0.44 U	0.41 U
Benzo(a)anthracene	1	7.8	mg/kg	0.042 U	0.17	**3**	**1.8**	**2.1**	**1.5**	0.044 U	0.036 U	0.037 U	0.19 U	0.046	0.038 U	**2.2**	0.038 U	0.4	0.044 U	0.041 U
Benzo(a)pyrene	1	1	mg/kg	0.042 U	0.1	**3.4**	**2**	**1.8**	**1.3**	0.044 U	0.036 U	0.037 U	0.19 U	0.039	0.038 U	**2.6**	0.038 U	0.37	0.044 U	0.041 U
Benzo(b)fluoranthene	1	7.8	mg/kg	0.042 U	0.16	**4.5**	**2.6**	**2.2**	**1.6**	0.044 U	0.036 U	0.037 U	0.19 U	0.052	0.038 U	**2.6**	0.038 U	0.53	0.044 U	0.041 U
Benzo(g,h,i)perylene	42	2,500	mg/kg	0.42 U	0.38 U	4.8	2	1.7	1.3	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	2.4	0.38 U	0.38 U	0.44 U	0.41 U
Benzo(k)fluoranthene	1	78	mg/kg	0.042 U	0.067	**1.4**	0.99	0.94	0.58	0.044 U	0.036 U	0.037 U	0.19 U	0.039 U	0.038 U	0.84	0.038 U	0.16	0.044 U	0.041 U
Bis(2-ethylhexyl)phthalate	11	410	mg/kg	0.42 U	0.38 U	0.78 U	0.47 U	0.91 U	0.42 U	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	0.77 U	0.38 U	0.38 U	0.44 U	0.41 U
Carbazole	1	290	mg/kg	0.42 U	0.38 U	0.78 U	0.47 U	0.91 U	0.42 U	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	0.77 U	0.38 U	0.38 U	0.44 U	0.41 U
Chrysene	1	780	mg/kg	0.42 U	0.38 U	**3.4**	**2.1**	**2.1**	**1.6**	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	**2.8**	0.38 U	0.41	0.44 U	0.41 U
Dibenzo(a,h)anthracene	1	1	mg/kg	0.042 U	0.038 U	**1.2**	0.53	0.37	0.28	0.044 U	0.036 U	0.037 U	0.19 U	0.039 U	0.038 U	0.67	0.038 U	0.081	0.044 U	0.041 U
Dibenzofuran	5.6	2,500	mg/kg	0.42 U	0.38 U	0.78 U	0.47 U	0.91 U	0.73	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	0.77 U	0.38 U	0.38 U	0.44 U	0.41 U
Diethyl phthalate	1,100	2,500	mg/kg	0.42 U	0.38 U	0.78 U	0.47 U	0.91 U	0.42 U	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	0.77 U	0.38 U	0.38 U	0.44 U	0.41 U
Di-n-butyl phthalate	140	2,500	mg/kg	0.42 U	0.38 U	0.78 U	0.47 U	0.91 U	0.42 U	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	0.77 U	0.38 U	0.38 U	0.44 U	0.41 U
Fluoranthene	56	2,500	mg/kg	0.42 U	0.38 U	6.5	3.3	4.9	4.4	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	4.8	0.38 U	0.76	0.44 U	0.41 U
Fluorene	56	2,500	mg/kg	0.42 U	0.38 U	0.78 U	0.47 U	0.91 U	0.69	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	0.77 U	0.38 U	0.38 U	0.44 U	0.41 U
Indeno(1,2,3-cd)pyrene	1	7.8	mg/kg	0.042 U	0.1	**4.6**	**2.1**	**1.7**	**1.3**	0.044 U	0.036 U	0.037 U	0.19 U	0.039 U	0.038 U	**2.6**	0.038 U	0.33	0.044 U	0.041 U
Naphthalene	56	2,500	mg/kg	0.42 U	0.38 U	0.78 U	0.47 U	0.91 U	1.1	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	0.77 U	0.38 U	0.38 U	0.44 U	0.41 U
Phenanthrene	40	2,500	mg/kg	0.42 U	0.38 U	3.4	2.3	5.8	6.3	0.44 U	0.36 U	0.37 U	2	0.39 U	0.38 U	3.3	0.38 U	0.46	0.44 U	0.41 U
Pyrene	40	2,500	mg/kg	0.42 U	0.38 U	5.6	2.8	3.9	3.3	0.44 U	0.36 U	0.37 U	1.9 U	0.39 U	0.38 U	3.4	0.38 U	0.71	0.44 U	0.41 U
Volatile Organic Compounds (VOCs)																				
1,1,1-Trichloroethane	40	1,000	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.12	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.00088 U	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
Acetone	140	1,000	mg/kg	0.016 U	0.073	0.064	0.33 U	0.13	0.054	0.16	0.015	0.04	0.033	0.035	0.027	0.2	0.04	0.036	0.08	0.025
Carbon disulfide	140	1,000	mg/kg	0.0016 U	0.013	0.0014 U	0.066 U	0.0018	0.0017	0.0019	0.00077 U	0.0009 U	0.00088 U	0.00091 U	0.001 U	0.0013 U	0.002	0.0013	0.0049	0.0032
Chloroform	1.2	940	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.077	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.00088 U	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
cis-1,2-Dichloroethene	14	1,000	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.00088 U	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
Ethylbenzene	10.1	1,000	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.001	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
Isopropylbenzene	132	1,000	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.027	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
4-Isopropyltoluene	41.8	1,000	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.00088 U	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
Methyl ethyl ketone	80	1,000	mg/kg	0.016 U	0.016	0.014 U	0.13 U	0.019	0.011 U	0.035	0.0077 U	0.009 U	0.0088 U	0.0091 U	0.01 U	0.013 U	0.011 U	0.0098 U	0.013	0.01 U
Methylene chloride	1	760	mg/kg	0.0055	0.0033	0.007	0.066 U	0.0014 U	0.0041	0.005	0.003	0.0057	0.00088 U	0.0035	0.0067	0.0013 U	0.0068	0.0042	0.0073	0.0053
Naphthalene	56	2,500	mg/kg	0.0016 U	0.00092 U	0.0065	0.13 U	0.0014 U	0.0046	0.0012 U	0.00077 U	0.0009 U	0.23	0.00091 U	0.001 U	0.0025	0.0011 U	0.00098 U	0.0013 U	0.001 U
n-Butylbenzene	14	1,000	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.1	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
n-Propylbenzene	14	1,000	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.11	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
sec-Butylbenzene	14	1,000	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.059	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
Tetrahydrofuran	na	na	mg/kg	0.0032 U	0.013	0.022	0.066 U	0.016	0.014	0.015	0.01	0.012	0.0018 U	0.012	0.014	0.0025 U	0.015	0.002 U	0.016	0.015
Toluene	67	1,000	mg/kg	0.002	0.00092 U	0.0014 U	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.0011	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
Trans-1,2-dichloroethene	20	1,000	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.00088 U	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
Trichloroethene	1	520	mg/kg	0.0016 U	0.00092 U	0.0014 U	**41**	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.00088 U	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
1,2,4-Trimethylbenzene	70	1,000	mg/kg	0.0016 U	0.00092 U	0.0025	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.13	0.00091 U	0.001 U	0.0016	0.0011 U	0.00098 U	0.0013 U	0.001 U
1,3,5-trimethylbenzene	70	1,000	mg/kg	0.0016 U	0.00092 U	0.0024	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.041	0.00091 U	0.001 U	0.0018	0.0011 U	0.00098 U	0.0013 U	0.001 U
Vinyl chloride	0.4	3	mg/kg	0.0016 U	0.00092 U	0.0014 U	0.066 U	0.0014 U	0.0011 U	0.0012 U	0.00077 U	0.0009 U	0.00088 U	0.00091 U	0.001 U	0.0013 U	0.0011 U	0.00098 U	0.0013 U	0.001 U
Xylenes (total)	19.5	1,000	mg/kg	0.0032 U	0.0018 U	0.0027 U	0.13 U	0.0028 U	0.0022 U	0.0024 U	0.0015 U	0.0018 U	0.01	0.0018 U	0.002 U	0.0025 U	0.0022 U	0.002 U	0.0025 U	0.0021 U

Notes:
All results are milligrams per kilogram (mg/kg)
CTDEEP RSRs = Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations
GB PMC = GB Pollutant Mobility Criteria
IIDEC = Industrial Direct Exposure Criteria
Equals or Exceeds GB PMC
Equals or Exceeds GB PMC and IDEC
U = Analyte not detected above detection limit
J = Result estimated.
- = not analyzed.

Table 2
Summary of Total Analytical Detections
Tank Farm Area, PSEG Bridgeport Harbor Station

Analyte	CTDEEP RSRs		Station:	SB-88		SB-89		SB-90			GP-22			GP-23			GP-24			GP-25	
	GB PMC	IDEC	Date:	11/12/2014		11/12/2014		11/12/2014			3/28/2000			3/28/2000			3/28/2000			3/28/2000	
			Depth:	5-6	6.5-7.5	5-6	6-7	1-2	4-5	6-7	0 - 2	3 - 5	7 - 8	0 - 2	3 - 5	7 - 8	0 - 2	3 - 5	8 - 9	0 - 2	4 - 6
Extractable Total Petroleum Hydrocarbons (ETPH)																					
ETPH	2,500	2,500	mg/kg	60	350	380	310	43	62	75	250	660	**12,000**	810	**8,200**	**16,000**	280	11	**8,500**	130	100
Semivolatile Organic Compounds (SVOCs)																					
2-Methylnaphthalene	9.8	2,500	mg/kg	0.41 U	0.75 U	0.45 U	0.53 U	0.37 U	0.38 U	0.37 U	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.56	0.362 U
Acenaphthene	84	2,500	mg/kg	0.41 U	0.75 U	0.45 U	0.53 U	0.37 U	0.38 U	0.37 U	0.3557 U	0.3635 U	2.1	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.3586 U	0.362 U
Anthracene	400	2,500	mg/kg	0.41 U	1.2	0.45 U	0.88	0.37 U	0.38 U	0.37 U	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.3586 U	0.362 U
Benzo(a)anthracene	1	7.8	mg/kg	0.18	**1.5**	0.5	**2**	0.37	0.53	0.42	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	**3.5**	0.3908 U	1.789 U	0.3586 U	0.63
Benzo(a)pyrene	1	1	mg/kg	0.15	**1**	0.54	**2.7**	0.32	0.49	0.34	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	**4**	0.3908 U	1.789 U	0.3586 U	0.72
Benzo(b)fluoranthene	1	7.8	mg/kg	0.19	**1.3**	0.67	**3.2**	0.41	0.62	0.39	0.43	0.3635 U	1.843 U	0.3753 U	0.55	3.486 U	**4.5**	0.3908 U	1.789 U	0.3586 U	**1.2**
Benzo(g,h,i)perylene	42	2,500	mg/kg	0.41 U	0.96	0.47	2.6	0.37 U	0.5	0.4	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.3586 U	0.39
Benzo(k)fluoranthene	1	78	mg/kg	0.084	0.49	0.24	**1.1**	0.15	0.23	0.12	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.3586 U	0.39
Bis(2-ethylhexyl)phthalate	11	410	mg/kg	0.41 U	0.75 U	0.45 U	0.53 U	0.37 U	0.38 U	0.37 U	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.3586 U	0.47
Carbazole	1	290	mg/kg	0.41 U	0.75 U	0.45 U	0.53 U	0.37 U	0.38 U	0.37 U	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1	780	mg/kg	0.41 U	**1.4**	0.56	**2.4**	0.42	0.58	0.43	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.43	3.486 U	**2.6**	0.3908 U	1.789 U	0.37	0.92
Dibenzo(a,h)anthracene	1	1	mg/kg	0.041 U	0.26	0.11	0.61	0.079	0.12	0.08	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.3586 U	0.362 U
Dibenzofuran	5.6	2,500	mg/kg	0.41 U	0.84	0.45 U	0.53 U	0.37 U	0.38 U	0.37 U	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.3586 U	0.362 U
Diethyl phthalate	1,100	2,500	mg/kg	0.41 U	0.75 U	0.45 U	0.53 U	0.37 U	0.38 U	0.37 U	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.3586 U	0.362 U
Di-n-butyl phthalate	140	2,500	mg/kg	0.41 U	0.75 U	0.45 U	0.53 U	0.37 U	0.38 U	0.37 U	0.3557 U	0.36	1.843 U	0.58	0.3857 U	3.486 U	1.805 U	0.3908 U	2.5	0.3586 U	0.39
Fluoranthene	56	2,500	mg/kg	0.41 U	4.4	0.87	3.8	0.54	1	0.57	0.55	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	5.2	0.3908 U	1.789 U	0.6	2
Fluorene	56	2,500	mg/kg	0.41 U	0.75 U	0.45 U	0.53 U	0.37 U	0.38 U	0.37 U	0.3557 U	0.3635 U	1.9	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.3586 U	0.362 U
Indeno(1,2,3-cd)pyrene	1	7.8	mg/kg	0.12	0.98	0.46	**2.8**	0.31	0.52	0.37	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	**2**	0.3908 U	1.789 U	0.3586 U	0.41
Naphthalene	56	2,500	mg/kg	0.41 U	0.75 U	0.45 U	0.53 U	0.37 U	0.38 U	0.37 U	0.3557 U	0.3635 U	1.843 U	0.3753 U	0.3857 U	3.486 U	1.805 U	0.3908 U	1.789 U	0.42	0.362 U
Phenanthrene	40	2,500	mg/kg	0.41 U	7.3	0.82	2.4	0.41	1.1	0.6	0.49	0.3635 U	5.3	0.3753 U	0.39	3.486 U	1.805 U	0.3908 U	1.789 U	0.81	1.5
Pyrene	40	2,500	mg/kg	0.41 U	3.4	0.9	3.1	0.61	0.89	0.75	0.6	0.39	3.7	0.3753 U	0.46	4.2	5.3	0.3908 U	4.4	0.48	1.6
Volatile Organic Compounds (VOCs)																					
1,1,1-Trichloroethane	40	1,000	mg/kg	0.001 U	0.06 U	0.0014 U	0.14 U	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
Acetone	140	1,000	mg/kg	0.092	0.3 U	0.08	0.72 U	0.026	0.016	0.0094 U	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	140	1,000	mg/kg	0.015	0.06 U	0.0014 U	0.14 U	0.001 U	0.00087 U	0.0011	-	-	-	-	-	-	-	-	-	-	-
Chloroform	1.2	940	mg/kg	0.001 U	0.06 U	0.0014 U	0.14 U	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	14	1,000	mg/kg	0.001 U	0.06 U	0.0015	2.8	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	10.1	1,000	mg/kg	0.001 U	0.06 U	0.0014 U	0.29	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	132	1,000	mg/kg	0.001 U	0.06 U	0.0014 U	0.2	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
4-Isopropyltoluene	41.8	1,000	mg/kg	0.001 U	0.33	0.0014 U	0.16	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone	80	1,000	mg/kg	0.023	0.12 U	0.014 U	0.29 U	0.01 U	0.0087 U	0.0094 U	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	1	760	mg/kg	0.0049	0.06 U	0.0042	0.14 U	0.0064	0.0035	0.004	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	56	2,500	mg/kg	0.001 U	0.85	0.0014 U	0.29 U	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	14	1,000	mg/kg	0.001 U	0.21	0.0014 U	0.3	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	14	1,000	mg/kg	0.001 U	0.073	0.0014 U	0.8	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	14	1,000	mg/kg	0.001 U	0.11	0.0014 U	0.18	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran	na	na	mg/kg	0.014	0.06 U	0.0028 U	0.14 U	0.014	0.011	0.014	-	-	-	-	-	-	-	-	-	-	-
Toluene	67	1,000	mg/kg	0.001 U	0.06 U	0.0014 U	0.14 U	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
Trans-1,2-dichloroethene	20	1,000	mg/kg	0.001 U	0.06 U	0.0019	0.56	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	1	520	mg/kg	0.001 U	0.11	0.01	**3.6**	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	70	1,000	mg/kg	0.001 U	0.73	0.0014 U	3.1	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
1,3,5-trimethylbenzene	70	1,000	mg/kg	0.001 U	0.079	0.0014 U	0.56	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	0.4	3	mg/kg	0.001 U	0.06 U	0.0026	0.25	0.001 U	0.00087 U	0.00094 U	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	19.5	1,000	mg/kg	0.0021 U	0.12 U	0.0028 U	1.1	0.0021 U	0.0017 U	0.0019 U	-	-	-	-	-	-	-	-	-	-	-

Notes:
All results are milligrams per kilogram (mg/kg)
CTDEEP RSRs = Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations
GB PMC = GB Pollutant Mobility Criteria
IIDEC = Industrial Direct Exposure Criteria
Equals or Exceeds GB PMC
Equals or Exceeds GB PMC and IDEC
U = Analyte not detected above detection limit
J = Result estimated.
- = not analyzed.

Table 2
Summary of Total Analytical Detections
Tank Farm Area, PSEG Bridgeport Harbor Station

Analyte	CTDEEP RSRs		Station:	HA-04	HA-05		HA-06		HA-07	HA-08		HA-09		HA-10		HA-11	HA-12		MW-023
	GB PMC	IDEC	Date:	9/2/1999	9/3/1999		9/3/1999		9/3/1999	9/3/1999		9/3/1999		9/3/1999	4/5/2000	9/3/1999	4/5/2000		6/2/1998
			Depth:	0 - 2	0 - 2	2 - 4	0 - 2	2 - 4	0 - 2	0 - 2	2 - 4	0 - 2	2 - 4	0 - 2	2 - 4	0 - 2	0 - 2	2 - 4	8 - 10
Extractable Total Petroleum Hydrocarbons (ETPH)																			
ETPH	2,500	2,500	mg/kg	675	**2,660**	441	95.5	56.5	413	1070	120	58.5	826	**4,380**	**20,000**	308	360	1700	534
Semivolatile Organic Compounds (SVOCs)																			
2-Methylnaphthalene	9.8	2,500	mg/kg	0.021 J	1.8	0.2 J	0.003 U	0.003 U	0.016 J	0.018 J	0.023 J	0.003 U	0.018 J	6.3 D	67 U	0.07 J	0.17 U	1.6 U	-
Acenaphthene	84	2,500	mg/kg	0.003 U	0.46 J	0.003 U	0.003 U	0.003 U	0.034 J	0.003 U	0.024 J	0.003 U	0.086 J	0.93 JD	68 U	0.12 J	0.17 U	1.7 U	0.5 U
Anthracene	400	2,500	mg/kg	0.047 J	0.27 J	0.037 J	0.044 J	0.003 U	0.15 J	0.02 J	0.067 J	0.018 J	0.22 J	0.78 JD	63 U	0.43	0.16 U	1.5 U	0.5 U
Benzo(a)anthracene	1	7.8	mg/kg	0.21 J	**1**	0.16 J	0.29 J	0.003 U	0.9	0.18 J	0.18 J	0.1 J	**1**	**2.2 D**	57 U	**1.2**	0.15 U	1.4 U	0.5 U
Benzo(a)pyrene	1	1	mg/kg	0.23 J	0.9	0.14 J	0.29 J	0.003 U	0.9	0.2 J	0.18 J	0.1 J	0.85	**2 D**	56 U	0.83	0.14 U	1.4 U	0.5 U
Benzo(b)fluoranthene	1	7.8	mg/kg	0.28 J	0.91 Y	0.15 J	0.28 J	0.003 U	0.83	0.16 J	0.16 J	0.094 J	0.79	**6.7**	59 U	0.86	0.15 U	1.4 U	0.5 U
Benzo(g,h,i)perylene	42	2,500	mg/kg	0.19 J	0.42 J	0.069 J	0.15 J	0.003 U	0.51	0.15 J	0.12 J	0.1 J	0.47	1 JD	56 U	0.36 J	0.14 U	1.4 U	2.5 U
Benzo(k)fluoranthene	1	78	mg/kg	0.2 J	0.71 U	0.003 U	0.25 J	0.003 U	0.85	0.11 J	0.16 J	0.11 J	0.79	**1.3 JD**	62 U	0.82	0.16 U	1.5 U	0.5 U
Bis(2-ethylhexyl)phthalate	11	410	mg/kg	0.036 J	0.23 J	0.085 J	0.003 U	0.003 U	0.003 U	0.078 J	0.003 U	0.003 U	0.003 U	0.001 U	57 U	0.031 J	0.49	1.4 U	0.5 U
Carbazole	1	290	mg/kg	0.024 J	0.71 U	0.003 U	0.017 J	0.003 U	0.043 J	0.003 U	0.031 J	0.003 U	0.053 J	0.001 U	-	0.2 J	-	-	-
Chrysene	1	780	mg/kg	0.26 J	**2.2**	0.3 J	0.37	0.003 U	0.95	0.28 J	0.21 J	0.13 J	**1.1**	**3.1 D**	58 U	**1.2**	0.15 U	1.4 U	0.681
Dibenzo(a,h)anthracene	1	1	mg/kg	0.062 J	0.15 J	0.003 U	0.057 J	0.003 U	0.14 J	0.033 J	0.03 J	0.03 J	0.14 J	0.27 JD	49 U	0.16 J	0.12 U	1.2 U	2.5 U
Dibenzofuran	5.6	2,500	mg/kg	0.021 J	0.14 J	0.003 U	0.003 U	0.003 U	0.017 J	0.003 U	0.019 J	0.003 U	0.032 J	0.34 JD	68 U	0.11 J	0.17 U	1.6 U	-
Diethyl phthalate	1,100	2,500	mg/kg	0.003 U	0.71 U	0.003 U	0.003 U	0.003 U	0.003 U	0.027 J	0.003 U	0.003 U	0.003 U	0.001 U	70 U	0.003 U	0.18 U	1.7 U	0.5 U
Di-n-butyl phthalate	140	2,500	mg/kg	0.003 U	0.71 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.001 U	57 U	0.003 U	0.15 U	1.4 U	0.5 U
Fluoranthene	56	2,500	mg/kg	0.34 J	0.74	0.11 J	0.56	0.003 U	1.4	0.21 J	0.37 J	0.17 J	1.6	5.8 E	62 U	2.3	0.16 U	1.5 U	0.938 J
Fluorene	56	2,500	mg/kg	0.025 J	0.49 J	0.076 J	0.003 U	0.003 U	0.026 J	0.003 U	0.029 J	0.003 U	0.058 J	1.1 JD	67 U	0.14 J	0.17 U	1.6 U	0.5 U
Indeno(1,2,3-cd)pyrene	1	7.8	mg/kg	0.21 J	0.21 J	0.042 J	0.15 J	0.003 U	0.56	0.096 J	0.12 J	0.082 J	0.49	0.93 JD	56 U	0.39	0.14 U	1.3 U	2.5 U
Naphthalene	56	2,500	mg/kg	0.022 J	0.32 J	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.003 U	0.018 J	1.6	64 U	0.003 U	0.16 U	1.5 U	0.5 U
Phenanthrene	40	2,500	mg/kg	0.26 J	2.3	0.36 J	0.17 J	0.003 U	0.73	0.099 J	0.34 J	0.09 J	1.1	5.4	49 U	2.5	0.13 U	1.2 U	0.5 U
Pyrene	40	2,500	mg/kg	0.46	2	0.27 J	0.81	0.003 U	1.6	0.34 J	0.35 J	0.27 J	1.8	3.8	67 U	2.1	0.53	1.6 U	0.984
Volatile Organic Compounds (VOCs)																			
1,1,1-Trichloroethane	40	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U
Acetone	140	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	140	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	1.2	940	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U
cis-1,2-Dichloroethene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	10.1	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U
Isopropylbenzene	132	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Isopropyltoluene	41.8	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone	80	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	1	760	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U
Naphthalene	56	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran	na	na	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	67	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U
Trans-1,2-dichloroethene	20	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U
Trichloroethene	1	520	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U
1,2,4-Trimethylbenzene	70	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-trimethylbenzene	70	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	0.4	3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U
Xylenes (total)	19.5	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.025 U

Notes:
All results are milligrams per kilogram (mg/kg)
CTDEEP RSRs = Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations
GB PMC = GB Pollutant Mobility Criteria
IIDEC = Industrial Direct Exposure Criteria
Equals or Exceeds GB PMC
Equals or Exceeds GB PMC and IDEC
U = Analyte not detected above detection limit
J = Result estimated.
- = not analyzed.

Table 2
Summary of Total Analytical Detections
Tank Farm Area, PSEG Bridgeport Harbor Station

Analyte	CTDEEP RSRs		Station:	MW-028	SS-100	TB-054	TB-055	TB-056	TB-057G	TB-058		TB-059	TB-060	TB-061	TB-066		TB-067	TB-071	MW-030			GP-17	
	GB PMC	IDEC	Date:	6/1/1998	7/2/1998	6/11/1998	6/16/1998	6/8/1998	6/19/1998	6/8/1998		6/8/1998	6/10/1998	6/10/1998	7/2/1998		7/2/1998	7/2/1998	10/30/2000			9/2/1999	
			Depth:	0 - 2	0 - 1	2 - 4	8 - 10	8 - 10	4 - 8	8 - 10	10-12	4 - 6	12 - 14	4 - 6	6 - 8	12 - 14	5 - 7	8 - 10	0 - 4	4 - 8	8 - 10	0 - 2	4 - 6
Extractable Total Petroleum Hydrocarbons (ETPH)																							
ETPH	2,500	2,500	mg/kg	32	**155,000**	**3,981**	**5,733 J**	**3,786**	25 UJ	-	90	25 U	34	25 U	49	-	1,831	38	**6,900**	110	250	86	1460
Semivolatile Organic Compounds (SVOCs)																							
2-Methylnaphthalene	9.8	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	84	2,500	mg/kg	0.5 U	10 U	0.285	0.161	0.151	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.1 U	-	-	-	-	-
Anthracene	400	2,500	mg/kg	0.5 U	10 U	0.361	0.143	0.467	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.1 U	-	-	-	-	-
Benzo(a)anthracene	1	7.8	mg/kg	0.91	10 U	0.1 U	0.385	0.269	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.133	-	-	-	-	-
Benzo(a)pyrene	1	1	mg/kg	0.952 J	10 U	0.1 U	0.208	0.1 U	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.141	-	-	-	-	-
Benzo(b)fluoranthene	1	7.8	mg/kg	0.776	10 U	0.1 U	0.1 U	0.1 U	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.1 U	-	-	-	-	-
Benzo(g,h,i)perylene	42	2,500	mg/kg	2.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	-	-	0.5 U	0.5 U	0.5 U	0.5 U	-	5 U	0.5 U	-	-	-	-	-
Benzo(k)fluoranthene	1	78	mg/kg	0.5 U	10 U	0.1 U	0.1 U	0.1 U	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.1 U	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	11	410	mg/kg	0.5 U	10 U	0.1 U	0.1 U	0.1 U	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.1 U	-	-	-	-	-
Carbazole	1	290	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1	780	mg/kg	0.934	10 U	0.1 U	0.56	0.399	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.135	-	-	-	-	-
Dibenzo(a,h)anthracene	1	1	mg/kg	2.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	-	-	0.5 U	0.5 U	0.5 U	0.5 U	-	5 U	0.5 U	-	-	-	-	-
Dibenzofuran	5.6	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	1,100	2,500	mg/kg	0.5 U	10 U	0.1 U	0.1 U	0.1 U	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.1 U	-	-	-	-	-
Di-n-butyl phthalate	140	2,500	mg/kg	0.5 U	10 U	0.1 U	0.1 U	0.1 U	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.1 U	-	-	-	-	-
Fluoranthene	56	2,500	mg/kg	1.6 J	10 U	0.534	0.164	0.124	0.1 U	-	-	0.142	0.1 U	0.1 U	0.1 U	-	1 U	0.218	-	-	-	-	-
Fluorene	56	2,500	mg/kg	0.5 U	10 U	0.304	0.344	0.1 U	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.1 U	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	1	7.8	mg/kg	2.5 U	50 U	0.5 U	0.5 U	0.5 U	0.5 U	-	-	0.5 U	0.5 U	0.5 U	0.5 U	-	5 U	0.5 U	-	-	-	-	-
Naphthalene	56	2,500	mg/kg	0.5 U	10 U	0.194	0.1 U	0.1 U	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.1 U	-	-	-	-	-
Phenanthrene	40	2,500	mg/kg	0.661	10 U	0.347	0.1 U	0.1 U	0.1 U	-	-	0.1 U	0.1 U	0.1 U	0.1 U	-	1 U	0.1 U	-	-	-	-	-
Pyrene	40	2,500	mg/kg	1.677	10 U	0.823	1.115	1.102	0.1 U	-	-	0.13	0.1 U	0.1 U	0.1 U	-	1 U	0.23	-	-	-	-	-
Volatile Organic Compounds (VOCs)																							
1,1,1-Trichloroethane	40	1,000	mg/kg	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	-	-	-	-
Acetone	140	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	140	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	1.2	940	mg/kg	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	-	-	-	-
cis-1,2-Dichloroethene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	10.1	1,000	mg/kg	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	-	-	-	-
Isopropylbenzene	132	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Isopropyltoluene	41.8	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone	80	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	1	760	mg/kg	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	-	-	-	-
Naphthalene	56	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran	na	na	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	67	1,000	mg/kg	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	-	-	-	-
Trans-1,2-dichloroethene	20	1,000	mg/kg	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	-	-	-	-
Trichloroethene	1	520	mg/kg	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	-	-	-	-
1,2,4-Trimethylbenzene	70	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-trimethylbenzene	70	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	0.4	3	mg/kg	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	-	-	-	-
Xylenes (total)	19.5	1,000	mg/kg	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	-	-	-	-	-

Notes:
All results are milligrams per kilogram (mg/kg)
CTDEEP RSRs = Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations
GB PMC = GB Pollutant Mobility Criteria
IIDEC = Industrial Direct Exposure Criteria
Equals or Exceeds GB PMC
Equals or Exceeds GB PMC and IDEC
U = Analyte not detected above detection limit
J = Result estimated.
- = not analyzed.

Table 2
Summary of Total Analytical Detections
Tank Farm Area, PSEG Bridgeport Harbor Station

Analyte	CTDEEP RSRs		Station:	GP-19	GP-20			GP-21	GP-27	GP-28	GP-35	GP-36	GP-37	GP-38	GP-39	GP-40	GP-41	GP-77	GP-78	GP-92	GP-93	GP-94	HA-13		HA-14	
	GB PMC	IDEC	Date:	3/27/2000	3/27/2000			3/27/2000	3/27/2000	3/28/2000	8/29/2000	8/29/2000	8/29/2000	8/29/2000	8/29/2000	8/29/2000	8/29/2000	8/13/2003	8/13/2003	9/4/2003	9/4/2003	9/4/2003	4/5/2000		4/5/2000	
			Depth:	0 - 2	0 - 2	3 - 5	6 - 7	0 - 2	0 - 2	0 - 2	0 - 4	0 - 4	0 - 4	0 - 4	0 - 4	0 - 4	0 - 4	0 - 4	0 - 4	0 - 4	0 - 4	3 - 5	0 - 2	2 - 4	0 - 2	2 - 4
Extractable Total Petroleum Hydrocarbons (ETPH)																										
ETPH	2,500	2,500	mg/kg	34	140	230	850	66	57	250	1,600	49	480	390	100	43	18	21 U	200	97	130	21 U	15	29	17	99
Semivolatile Organic Compounds (SVOCs)																										
2-Methylnaphthalene	9.8	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acenaphthene	84	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthracene	400	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	1	7.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1	7.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(g,h,i)perylene	42	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	1	78	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	11	410	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbazole	1	290	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chrysene	1	780	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzo(a,h)anthracene	1	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibenzofuran	5.6	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diethyl phthalate	1,100	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Di-n-butyl phthalate	140	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluoranthene	56	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fluorene	56	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	1	7.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	56	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Phenanthrene	40	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pyrene	40	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (VOCs)																										
1,1,1-Trichloroethane	40	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	140	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	140	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	1.2	940	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	10.1	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	132	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Isopropyltoluene	41.8	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl ethyl ketone	80	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	1	760	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	56	2,500	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	14	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrahydrofuran	na	na	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	67	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trans-1,2-dichloroethene	20	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	1	520	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	70	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-trimethylbenzene	70	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	0.4	3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes (total)	19.5	1,000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Notes:
All results are milligrams per kilogram (mg/kg)
CTDEEP RSRs = Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations
GB PMC = GB Pollutant Mobility Criteria
IIDEC = Industrial Direct Exposure Criteria
Equals or Exceeds GB PMC
Equals or Exceeds GB PMC and IDEC
U = Analyte not detected above detection limit
J = Result estimated.
- = not analyzed.

Table 3
Summary of SPLP Detections
Tank Farm Area, PSEG Bridgeport Harbor Station

Analyte	Remediation Standards		Station:	SB-73		SB-74		SB-75		SB-76		SB-77		SB-79		SB-80		SB-81		SB-82		SB-82	
	Alt SPWC* or SWPC	10x GWPC	Date:	11/11/2014		11/10/2014		11/10/2014		11/11/2014		11/11/2014		11/11/2014		11/11/2014		11/11/2014		11/11/2014		11/11/2014	
			Depth:	3-4		2-3		5-6		5-6		5-6		5-6		3-4		1-2		6.5-7.5		6.5-7.5	
SPLP Semivolatile Organic Compounds																							
2-Methylnaphthalene	1.57*	NA	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Acenaphthene	0.61*	NA	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Bis(2-ethylhexyl)phthalate	0.59*	0.02	mg/L	0.0026	B	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.0051	B	0.0051	B	0.0044	B	0.004	B
Carbazole	0.397*	NA	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Fluorene	4.92*	2.8	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Naphthalene	1.67*	2.8	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Phenanthrene	0.63*	2	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Pyrene	0.03*	2	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
SPLP Volatile Organic Compounds																							
Benzene, 1,2,4-trimethyl	NA	NA	mg/L	-		-		-		-		-		-		-		-		-		0.0072	B
Benzene, 1,3,5-trimethyl-	NA	NA	mg/L	-		-		-		-		-		-		-		-		-		0.0016	
Methylene chloride	48	0.05	mg/L	-		-		-		-		-		-		-		-		-		0.031	B
Naphthalene	1.67*	2.8	mg/L	-		-		-		-		-		-		-		-		-		0.0068	
p-Cymene	NA	NA	mg/L	-		-		-		-		-		-		-		-		-		0.001	U

Notes:

All results are milligrams per liter (mg/L)

Exceedances of remediation standards are shaded.

CT DEEP = Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations.

* Alt SWPC = Site-Specific Alternative Surface Water Protection Criteria.

SWPC = CTDEEP RSR Surface Water Protection Criteria.

10x GWPC = 10 times CTDEEP RSR Groundwater Protection Criteria.

SPLP = Synthetic Precipitation Leaching Procedure.

U = Analyte not detected above detection limit.

J = Result estimated below detection limit.

B = Compound detected in the blank sample.

- = not analyzed.

NA = not applicable

Table 3
Summary of SPLP Detections
Tank Farm Area, PSEG Bridgeport Harbor Station

Analyte	Remediation Standards		Station:	SB-83		SB-84		SB-85		SB-86		SB-86		SB-87		SB-87		SB-88		SB-88		SB-89	
	Alt SPWC* or SWPC	10x GWPC	Date:	11/11/2014		11/11/2014		11/12/2014		11/12/2014		11/12/2014		11/12/2014		11/12/2014		11/12/2014		11/12/2014		11/12/2014	
			Depth:	5-6		5.5-6.5		1-2		4-5		6-7		2-3		5-6		5-6		6.5-7.5		6-7	
SPLP Semivolatile Organic Compounds																							
2-Methylnaphthalene	1.57*	NA	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Acenaphthene	0.61*	NA	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Bis(2-ethylhexyl)phthalate	0.59*	0.02	mg/L	0.0066	B	0.0031	B	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U	0.002	U
Carbazole	0.397*	NA	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Fluorene	4.92*	2.8	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Naphthalene	1.67*	2.8	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
Phenanthrene	0.63*	2	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.019		0.01	U
Pyrene	0.03*	2	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U	0.01	U
SPLP Volatile Organic Compounds																							
Benzene, 1,2,4-trimethyl	NA	NA	mg/L	-		-		-		-		-		-		-		-		0.0056		-	
Benzene, 1,3,5-trimethyl-	NA	NA	mg/L	-		-		-		-		-		-		-		-		0.001	U	-	
Methylene chloride	48	0.05	mg/L	-		-		-		-		-		-		-		-		0.012	B	-	
Naphthalene	1.67*	2.8	mg/L	-		-		-		-		-		-		-		-		0.014		-	
p-Cymene	NA	NA	mg/L	-		-		-		-		-		-		-		-		0.0019		-	

Notes:

All results are milligrams per liter (mg/L)

Exceedances of remediation standards are shaded.

CT DEEP = Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations.

* Alt SWPC = Site-Specific Alternative Surface Water Protection Criteria.

SWPC = CTDEEP RSR Surface Water Protection Criteria.

10x GWPC = 10 times CTDEEP RSR Groundwater Protection Criteria.

SPLP = Synthetic Precipitation Leaching Procedure.

U = Analyte not detected above detection limit.

J = Result estimated below detection limit.

B = Compound detected in the blank sample.

- = not analyzed.

NA = not applicable

Table 3
Summary of SPLP Detections
Tank Farm Area, PSEG Bridgeport Harbor Station

Analyte	Remediation Standards		Station:	SB-89		SB-90		SB-90		SB-90		GP-24		GP-25		HA-05		HA-07		HA-09		HA-10	
	Alt SPWC* or SWPC	10x GWPC	Date:	11/12/2014		11/12/2014		11/12/2014		11/12/2014		3/28/2000		3/28/2000		9/3/1999		9/3/1999		9/3/1999		9/3/1999	
			Depth:	5-6		1-2		4-5		6-7		0 - 2		4 - 6		0 - 2		0 - 2		2 - 4		0 - 2	
SPLP Semivolatile Organic Compounds																							
2-Methylnaphthalene	1.57*	NA	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.022	U	0.022	U	0.0005	J	0.001	U	0.001	U	0.001	U
Acenaphthene	0.61*	NA	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.02	U	0.02	U	0.001	J	0.001	U	0.001	U	0.001	U
Bis(2-ethylhexyl)phthalate	0.59*	0.02	mg/L	0.002	U	0.002	U	0.002	U	0.002	U	0.024	U	0.024	U	0.001	U	0.001	U	0.001	U	0.001	U
Carbazole	0.397*	NA	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	-		-		0.0006	J	0.001	U	0.001	U	0.001	U
Fluorene	4.92*	2.8	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.014	U	0.014	U	0.0008	J	0.001	U	0.001	U	0.001	U
Naphthalene	1.67*	2.8	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.023	U	0.023	U	0.001	U	0.002	J	0.001	U	0.001	U
Phenanthrene	0.63*	2	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.024	U	0.024	U	0.001	J	0.001	U	0.001	U	0.001	U
Pyrene	0.03*	2	mg/L	0.01	U	0.01	U	0.01	U	0.01	U	0.021	U	0.021	U	0.0005	J	0.001	U	0.001	U	0.001	U
SPLP Volatile Organic Compounds																							
Benzene, 1,2,4-trimethyl	NA	NA	mg/L	-		-		-		-		-		-		-		-		-		-	
Benzene, 1,3,5-trimethyl-	NA	NA	mg/L	-		-		-		-		-		-		-		-		-		-	
Methylene chloride	48	0.05	mg/L	-		-		-		-		-		-		-		-		-		-	
Naphthalene	1.67*	2.8	mg/L	-		-		-		-		-		-		-		-		-		-	
p-Cymene	NA	NA	mg/L	-		-		-		-		-		-		-		-		-		-	

Notes:

All results are milligrams per liter (mg/L)

Exceedances of remediation standards are shaded.

CT DEEP = Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations.

* Alt SWPC = Site-Specific Alternative Surface Water Protection Criteria.

SWPC = CTDEEP RSR Surface Water Protection Criteria.

10x GWPC = 10 times CTDEEP RSR Groundwater Protection Criteria.

SPLP = Synthetic Precipitation Leaching Procedure.

U = Analyte not detected above detection limit.

J = Result estimated below detection limit.

B = Compound detected in the blank sample.

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NA = not applicable

ATTACHMENT 1

SOIL BORING LOGS

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-73	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/11/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **6-6.5 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5			Brown f-m SAND, trace f-Gravel, poorly sorted, dry: FILL		
1		0			
1.5					
2	29" / 48"				
2.5					
3		0			
3.5			Black f-c SAND and GRAVEL composed of cinder, slag and brick, no staining, loose, dry: FILL	SB-73 (3-4)	Sampled for VOCs, SVOCs, ETPH, SPLP SVOCs
4					
4.5			Medium brown, f-SAND with some Silt and m-c Sand, intervals of Clay (1/4"), slightly cohesive; FILL		
5		0			
5.5					
6	34" / 48"		wet 6-6.5'		
6.5					
7		0			
7.5					
8					
			end of boring		

Depth to Groundwater: 6-6.5 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-74	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/10/2014	**Boring Method/ Sample Method**	Geoprobe (hand-driven): 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **7.5-8 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5		0	Brown f-m SAND with trace c-Sand and f-Gravel, poorly sorted: FILL		
1					
1.5					
2					
2.5	40" / 48"	13.8	2.0-2.7' Dark grey f-SAND and SILT, trace m-Sand, cohesive, dense, fuel odor, no free product: FILL	SB-74 (2-3)	Sampled for VOCs, SVOCs, ETPH, SPLP SVOCs
3		0	2.7'-3.5' Brown f-m SAND with little silt, trace m-c sand, poorly sorted, slightly dense, dry: FILL		
3.5		0	3.5'-7.5' Light to medium brown f-m SAND with trace c-Sand, well sorted, loose, dry: FILL		
4					
4.5		0			
5					
5.5		0			
6	30" / 48"				
6.5		0			
7					
7.5		0			
8			Dark brownish black f-c SAND and GRAVEL (slag/cinder material) with fabric pieces, moist, wet: FILL		
			end of boring		

Depth to Groundwater: 7.5-8 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-75	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/10/2014	**Boring Method/ Sample Method**	Hand-Auger 0-2 ft; Geoprobe (hand-driven) 2-6 ft;
Drilling Co.: Seaboard	**Completion Depth:** 6 feet	**Depth to Groundwater:** **6 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5 – 1 – 1.5 – 2	NA	0	Light brown f-c SAND and f-m GRAVEL, loose, dry, no odor or signs of oil/contamination: FILL		Hand auger through fill material
2.5 – 3 – 3.5 – 4	16" / 24	0.2	Light brown f-m SAND, brick/ash/slag, non-cohesive, poorly sorted, dry: FILL		
4.5 – 5	6" / 24"	NA	No recovery		
5.5 – 6		57.3	Red to brown to black, f-c SAND and GRAVEL composed of slag, ash, brick and little dark soil, wet at bottom, loose, odor, no staining or oil: FILL	SB-75 (5-6)	Sampled for VOCs, SVOCs, ETPH, SPLP SVOCs
6.5 – 7 – 7.5 – 8			end of boring (refusal at 6 ft)		

Depth to Groundwater: 6 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-76	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup
Date Drilled 11/10-11/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 7 feet	**Depth to Groundwater:** **6.5 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5	34" / 48"	0	Medium brown f-m SAND with little Silt and trace f-m Gravel, poorly sorted, dry: FILL		
1					
1.5					
2					
2.5		0	Dark black f-c SAND and F-m GRAVEL composed of ash, slag, cinder and rocks: FILL		
3					
3.5					
4					
4.5	24" / 36"	0	(same FILL as above; no odors or visuals signs of contamination)		
5					
5.5				SB-76 (5-6)	Sampled for VOCs, SVOCs, ETPH, and SPLP SVOCs
6		0			
6.5			Wet at 6.5 ft		
7			More brick fragments at bottom of boring		
7.5			end of boring (refusal at 7 feet)		
8					

Depth to Groundwater: 6.5 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-77	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/11/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **6 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5			Brown, f-m SAND with some c-Sand and f-Gravel, poorly sorted, dry: FILL		
1					
1.5					
2	34"				
	48"				
2.5			Light brown f-SAND with some layering of darker minerals, well sorted, dry: FILL		
3					
3.5			Black f-c SAND and f-m GRAVEL composed of ash, slag, and cinders, loose, dry: FILL		
4					
4.5		0.4			
5					
5.5		2.8	Slight fuel odor, but no oil staining or free product observed	SB-77 (5-6)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
6	34"				
	48"		Wet: 6-6.5 ft		
6.5					
7		0	Black f-c SAND and f-m GRAVEL composed of ash, slag, cinders, glass, loose, wet: FILL		
7.5					
8			SAND and GRAVEL with little slag, saturated: FILL		
			end of boring		

Depth to Groundwater: 6 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-78	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/11/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **5 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5			Medium brown f-m SAND with little c-Sand and f-Gravel, loose, poorly sorted, dry: FILL		No PID readings No odors No staining No cinder/slag material
1		0			
1.5					No Sample Collected
2	36" / 48"		Light to medium brown f-SAND with trace m-c Sand, moderately sorted, slightly dense, dry: FILL		
2.5					
3		0			
3.5					
4					
4.5					
5		0	Same as above, wet		
5.5	35" / 48"				
6					
6.5			Similar f-SAND as above with some visual layering of darker grains		
7		0			
7.5					
8					
			end of boring		

Depth to Groundwater: 5 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-79	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/11/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **6 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5			Brown f-m SAND with some c-Sand and f-Gravel, poorly sorted, dry: FILL		
1		0			
1.5			Brick material		
2	33"				
2.5	48"				
3		0	Black f-c SAND and f-m GRAVEL composed of cinders, slag material, brick and concrete, moist: FILL		
3.5					
4					
4.5		0.2			
5					
5.5				SB-79 (5-6)	Sampled for VOCs, SVOCs, ETPH, and SPLP SVOCs
6	34"	0.9	Trace wood,wet		
6.5	48"		Dark grey f-m SAND with some c-Sand, trace Gravel, moderately sorted, wet, slight fuel odor, no staining: FILL		
7		0.2			
7.5					
8					
			end of boring		

Depth to Groundwater: 6 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-80	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/11/2014	**Boring Method/ Sample Method**	2-ft split spoon (hammer drill)
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **6 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5	18" / 24"	2	Medium brown f-m SAND with trace c-Sand and f-Gravel, moderately sorted, loose, dry: FILL		
1					
1.5					
2					
2.5	19" / 24"	0.8	Similar to above but more f-m Gravel		
3					
3.5			Brick, slag and cinder material, loose, dry: FILL	SB-80 (3-4)	Sampled for SPLP SVOCs
4					
4.5	15" / 24"	2.5	Grey f-SAND and SILT with little Clay, cohesive, dense, moist: FILL	SB-80 (4-5)	Sampled for VOCs, SVOCs, and ETPH
5			Grey f-SILTY SAND with little to trace Clay, cohesive, dense, moist: FILL		
5.5		2.1	more SAND with iron staining, trace Silt		
6			Wet		
6.5	19" / 24"	2.8	Grey f-m SAND with trace c-Sand and f-Gravel, poorly sorted, moderately dense, wet, slight fuel odor, no oil or sheen observed		
7					
7.5					
8					
			end of boring		

Depth to Groundwater: 6 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-81	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/11/2014	**Boring Method/ Sample Method**	2-ft split spoon (hammer drill)
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **6 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5		0.8	Brown f-m SAND with little c-Sand and f-Gravel, loose, dry, trace brick: FILL		
1	21"				
1.5	24"	1.2	1.0-1.5 more cinder and slag, no odor	SB-81 (1-2')	Sampled for SPLP SVOCs
2					
2.5			Light to medium brown f-m SAND, trace c-Sand and f-Gravel, moderately sorted, no staining, slightly sweet odor, moist: FILL		
3	19"				
3.5	24"	2.5			
4					
4.5			(Same as above)	SB-81 (4-5)	Sampled for VOCs, SVOCs and ETPH
5	18"	2.9			
5.5	24"				
6			6 ft: wet, slight iron-staining		
6.5			Grey f-SAND, some Sllt, trace m-c Sand, moderately cohesive, dense, saturated: FILL		
7	16"	0			
7.5	24"				
8					
			end of boring		

Depth to Groundwater: 6 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-82	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup
Date Drilled 11/11/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **6 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5			Red to brown f-c SAND and f-m GRAVEL containing brick: FILL		
1		0	Brown f-c SAND and f-GRAVEL, poorly sorted, dry: FILL		
1.5	35"				
2	48"				
2.5		0			
3			Light brown f-m SAND, moderately sorted, loose, dry: FILL		
3.5					
4					
4.5		1.8			
5					
5.5			Dark brown f-m SAND with trace Gravel, iron staining, slight odor, no sheen/oil: FILL	SB-82 (5-6)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
6	39"		Wet at 6 feet		
6.5	48"	85.2	Dark grey f-m SAND, moderately sorted, trace c-Sand, strong fuel odor: FILL		
7			6.5-7.5 ft: black staining on soils, no free product	SB-82 (6.5-7.5)	Sampled for VOCs, SVOCs, ETPH, SPLP VOCs and SPLP SVOCs
7.5					
8					
			end of boring		

Depth to Groundwater: 6 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-83	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/11/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **6.5-7.0 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5	38" / 48"	0	Red to brown f-c SAND and f-m GRAVEL containing brick: FILL		Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
1			Light to medium brown f-m SAND with trace c-Sand and f-Gravel, moderately sorted, loose, dry: FILL		
1.5					
2					
2.5		0			
3					
3.5					
4					
4.5	37" / 48"	0			
5					
5.5			Same as above but more dense and iron staining from 5-6 ft	SB-83 (5-6)	
6					
6.5		0	Dark grey f-SAND with some m-Sand and f-Gravel, trace Silt, slight fuel odor, moist: FILL		
7			Wet 6.5-7 ft		
7.5			Dark grey f-SAND and SILT, little Clay, cohesive, dense, stiff, wet: FILL		
8					
			end of boring		

Depth to Groundwater: 6.5-7 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-84	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/11/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 6.5 feet	**Depth to Groundwater:** **6.5 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5	28" / 48"	0	Red to brown f-c SAND and f-m GRAVEL containing brick, loose, dry: FILL		Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
1					
1.5					
2		0			
2.5					
3					
3.5					
4	12" / 30"	0			
4.5					
5					
5.5		0	Medium brown f-m SAND with little f-Gravel and rock/slag, loose, moist, no odor: FILL	SB-84 (5.5-6.5)	
6					
6.5			Wet at 6.5 ft		
7			end of boring (refusal at 6.5 ft; concrete at bottom)		
7.5					
8					

Depth to Groundwater: 6.5 feet (estimated) **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-85	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/12/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 4 feet	**Depth to Groundwater:** **Not Encountered**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5		0	Brown f-m SAND and f-GRAVEL, brick, slag, cinder, trace weathered product (#6 fuel oil), fuel odor: FILL		
1					
1.5		11.9		SB-85 (1-2)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
2	42"				
2.5	48"	10	DEBRIS: intervals of brick and mortar with trace weathered product: FILL		
3					
3.5		92	DEBRIS: brick and mortar (old building materials), weathered product (#6 fuel oil) observed at 3-4 ft, strong odor: FILL		
4					
4.5			end of boring (refusal at 4 ft; concrete at bottom). Six attempts in a 10 x 10 ft area with refusal at 3.5-4 feet		
5					
5.5					
6					
6.5					
7					
7.5					
8					

Depth to Groundwater: None (shallow refusal) **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-86	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup
Date Drilled 11/12/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 8'	**Depth to Groundwater:** **4 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5		0	Brown f-c SAND and f-m GRAVEL, loose, dry: FILL		
1			Light brown f-SAND with trace m-Sand, loose, dry: FILL		
1.5	36"				
2	48"		2" layer brown SILTY SAND interval with little Clay, cohesive		
2.5					
3		0			
3.5			Slight fuel odor but no sheen or oil		
4					
4.5			Light to medium greyish-black f-m SAND with silty Sand and Clay intervals at 4 ft (3") and 5.5 ft (3"), wet at 4 ft: FILL	SB-86 (4-5)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
5					
5.5		0			
6	43"				
6.5	48"	0	Dark greyish black f-m SAND, trace ash and cinders, wet, slight fuel odor but no PID readings or oil: FILL	SB-86 (6-7)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
7			f-m SAND, moderately sorted, trace c-Sand, saturated		
7.5		0			
8					
			end of boring		

Depth to Groundwater: 4 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-87	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup
Date Drilled 11/12/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **4.5-5 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5		0	Medium brown f-c SAND and f-m GRAVEL, loose, dry: FILL		
1			Light brown f-SAND with some m-Sand, moderately sorted, slight layering of darker minerals, loose, dry: FILL		
1.5					
2					
2.5	46" / 48"	0	Olive grey f-SAND, well sorted	SB-87 (2-3)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
3			Olive grey SILTY CLAY with f-Sand, cohesive, non-plastic, no odor		
3.5					
4			3" light brown fine SAND layer		
4.5		0	Wet at approximately 4.5 ft		
5			Light brown f-SAND with little m-Sand and Silt, non-cohesive, wet, no odor: FILL		
5.5	37" / 48"			SB-87 (5-6)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
6					
6.5		0			
7			Olive brown vf-f SAND with some Silt, trace Clay, slightly cohesive, non-plastic, wet, no odor: FILL		
7.5					
8					
			end of boring		

Depth to Groundwater: 4.5-5 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-88	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/12/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 7.5 feet	**Depth to Groundwater:** **4.5-5 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5	34" / 48"	0	Medium brown f-m SAND with some c-Sand and trace f-m Gravel, loose, dry, no odor: FILL		
1					
1.5					
2					
2.5		0			
3					
3.5					
4					
4.5	27" / 48"	0	Wet at 4.5 feet Olive grey SILTY CLAY with f-Sand, few 1/4" layers of m-c Sand, cohesive, non-plastic, slight fuel odor and staining, no visible product or sheen, wet: FILL		
5					
5.5		22.8		SB-88 (5-6)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
6					
6.5		29.2			
7			Red to brown f-c SAND and f-m GRAVEL composed of brick, metal and slag, with silty Clay and f-Sand, cohesive, wet, fuel odor, no staining: FILL	SB-88 (6.5-7.5)	Sampled for VOCs, SVOCs, ETPH, SPLP VOCs and SPLP SVOCs
7.5		62.6			
8			end of boring (refusal at 7.5 feet)		

Depth to Groundwater: 4.5-5 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-89	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/12/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 8 feet	**Depth to Groundwater:** **6-6.5 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5		0	Dark brown SILT and f-m SAND: FILL		
			Light to medium brown f-m SAND, little c-Sand and f-Gravel, trace		
1			m-gravel, loose, dry, slight iron-staining: FILL		
1.5					
2	41"				
	48"	0			
2.5			Black f-m SAND, brick, and concrete, trace cinder and slag, slight fuel odor, no staining, moist: FILL		
3					
3.5		0.6			
4					
4.5		2.8			
5					
5.5		3		SB-89 (5-6)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
6	38"				
	48"		Similar to above, but finer grained material with more oily staining, no free product present, wet	SB-89 (6-7)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
6.5		2.2			
7					
7.5		0.4	Same as above with pieces of fabric		
8			Olive grey c-SAND and GRAVEL with trace brick, slag: FILL		
			end of boring		

Depth to Groundwater: 6-6.5 feet **Backfill Type:** Cuttings

GEOPROBE Soil Boring Log

Job Name: PSE&G Bridgeport Harbor Station	**Boring No.:** SB-90	**Logged By**
Job No.: 13004.002.009.2000	**Page** 1 of 1	Kathleen Soukup

Date Drilled 11/12/2014	**Boring Method/ Sample Method**	Geoprobe: 4-ft Macrocore
Drilling Co.: Seaboard	**Completion Depth:** 7.5 feet	**Depth to Groundwater:** **6.5-7 feet**
Drill Foreman: Mike Glynn	**Location:** Tank Farm	

Depth (Feet)	Recovery (% or inches)	PID (ppm)	Visual Description	Sample No.	Comments
0.5			Black to dark brown, f-c SAND with some f Gravel, little Silt, trace Clay: TOPSOIL		
1			Dark brown f-m SAND with little c-Sand and slag/ash, trace f-Gravel and brick, dry, no odor or staining: FILL		
1.5		0	4" layer of crushed brick	SB-90 (1-2)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
2	42"		Dark brown f-m SAND with little c-Sand and slag/ash, trace f-Gravel and brick, dry, no odor or staining: FILL		
2.5	48"				
3		0			
3.5					
4					
4.5		0.2		SB-90 (4-5)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
5					
5.5		0			
6	37"				
6.5	48"			SB-90 (6-7)	Sampled for VOCs, SVOCs, ETPH and SPLP SVOCs
7		0	Wet at 6.5-7 feet		
7.5		5.6	Dark grey poorly sorted f-m SAND with c-Sand and f-Gravel, fuel odor and staining, no free product, saturated: FILL		
8			end of boring (refusal at 7.5 feet)		

Depth to Groundwater: 6.5-7 feet **Backfill Type:** Cuttings

ATTACHMENT 2

LABORATORY REPORTS

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-86076-1

Job Description: PSEG Bridgeport

For:
Weston Solutions, Inc.
45 Constitution Ave
Suite 100
Concord, NH 03301

Attention: James Soukup

Maegen Pane

Approved for release.
Maegen C Pane
Project Management Assistant I
12/4/2014 11:53 AM

Designee for
Patricia Grieco, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(732)593-2507
patricia.grieco@testamericainc.com
12/04/2014
Revision: 1

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:	**TestAmerica Edison**	***Client:***	**Weston Solutions**
Project Location:	**PSEG Bridgeport**	***Project Number:***	**460-86076**
Laboratory Sample ID (s):	**460-86076: 2-15**	***Sampling Date (s):***	**11/10-11/11-14**
RCP Method:	**8270RCP**		

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	Yes √			No
1A	Were the method specified preservation and holding time requirements met?	Yes √			No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	Yes	N/A √		No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes √			No
3	Were samples received at an appropriate temperature (<6℃)?	Yes √	N/A		No
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	Yes			No √
5	a) Were reporting limits specified or referenced on the chain-of custody?	Yes √			No
	b) Were these reporting limits met? (Refer to Report Narrative)	Yes			No √
6	For each analytical method reference in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes √			No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes √			No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in a attached narrative. If the answer to question #1, 1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: _____ Position: GC/MS SemiVolatiles Department Manager

Printed Name: Wahied Bayoumi Date: 11/25/14 18:26

The certification form has been electronically signed and approved.

Updated November 2007

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

CTDOH #PH-0200

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Tel: 732-549-3900
Fax 732-549-3679

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:	**TestAmerica Edison**	***Client:***	**Weston Solutions, Inc.**
Project Location:	**PSEG Bridgeport**	***Project Number:***	**460-86076**
Laboratory Sample ID (s):	**2 - 7, 9, 11 - 15**	***Sampling Date (s):***	**11/10/14**
RCP Method:	**CT EPH**		

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	Yes √			No
1A	Were the method specified preservation and holding time requirements met?	Yes √			No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	Yes √	N/A		No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes √			No
3	Were samples received at an appropriate temperature (<6℃)?	Yes √	N/A		No
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	Yes √			No
5	a) Were reporting limits specified or referenced on the chain-of custody?	Yes √			No
	b) Were these reporting limits met? (Refer to Report Narrative)	Yes √			No √
6	For each analytical method reference in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes √			No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes √			No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in a attached narrative. If the answer to question #1, 1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authoriz Signatur: Catalina R. Dalangin Position: GCSV Department ManagerGCSV Department Manager

Printed Name: Catalina R. Dalangin Date: 11/28/14 15:31

The certification form has been electronically signed and approved.

Updated November 2007

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

CTDOH #PH-0200

nelac ACCREDITED IN ACCORDANCE WITH

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Tel: 732-549-3900
Fax: 732-549-3679

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:	**TestAmerica Edison**	***Client:***	**Weston Solutions, Inc.**
Project Location:	**PSEG Bridgeport**	***Project Number:***	**460-86076**
Laboratory Sample ID (s):	**460-86076-1-15**	***Sampling Date (s):***	**11/11/14**
RCP Method:	**8260RCP**		

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	Yes √		No
1A	Were the method specified preservation and holding time requirements met?	Yes		No √
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	Yes	N/A √	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes √		No
3	Were samples received at an appropriate temperature (<6℃)?	Yes √	N/A	No
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	Yes		No √
5	a) Were reporting limits specified or referenced on the chain-of custody?	Yes √		No
	b) Were these reporting limits met? (Refer to Report Narrative)	Yes		No √
6	For each analytical method reference in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes √		No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes		No √

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in a attached narrative. If the answer to question #1, 1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: S. Klusey Position: GC/MS Volatiles Department Manager

Printed Name: Sylvanus Klusey Date: 11/28/14 15:09

The certification form has been electronically signed and approved.

Updated November 2007

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

CTDOH #PH-0200

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Tel: 732-549-3900
Fax: 732-549-3679

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: PSEG Bridgeport

Report Number: 460-86076-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 11/12/2014 9:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5º C.

Except:

The container label for the following sample(s) did not match the information listed on the Chain-of-Custody (COC): SB-82(6.5-7.5) (460-86076-13). SB82(6.5-7.5) - 1 25g encore labeled as "SB-81(6.5-7.5)" but matches date/time, other containers do match sample ID

The following sample(s) was received outside of holding time: SB-74(2-3) (460-86076-2), SB-75(5-6) (460-86076-3). SB-74(2-3), SB-75(5-6) - Since less than 50% holding time remained on arrival, terracores for VOC were prepped outside of holding time.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

RCP SPLP VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample SB-82(6.5-7.5) (460-86076-13) was analyzed for RCP SPLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1312/8260B (RCP). The samples were leached on 11/13/2014 and analyzed on 11/17/2014.

Internal standard (ISTD) response and surrogate recovery for the following sample was outside control limits: SB-82(6.5-7.5) (460-86076-13). The sample was re-analyzed with concurring results in batch 264982. The original analysis has been reported.

1,2,4-Trimethylbenzene, Methylene Chloride, m-Xylene & p-Xylene, Toluene and Xylenes, Total were detected in method blank LB 460-262470/1-A at levels exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 264870 recovered outside control limits for the following analytes: 1,2-Dibromo-3-chloropropane. This analyte was not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 264870 recovered outside control limits for 1,2-Dibromo-3-chloropropane. The response of Acrylonitrile was below the minimum required. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Refer to the QC report for details.

No other difficulties were encountered during the RCP SPLP volatile analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS) RCP

Samples SB-74(2-3) (460-86076-2), SB-75(5-6) (460-86076-3), SB-76(5-6) (460-86076-4), SB-73(3-4) (460-86076-5), SB-77(5-6) (460-86076-6), SB-79(5-6) (460-86076-7), SB-80(4-5) (460-86076-9), SB-81(4-5) (460-86076-11), SB-82(5-6) (460-86076-12),

SB-82(6.5-7.5) (460-86076-13), SB-83(5-6) (460-86076-14) and SB-84(5.5-6.5) (460-86076-15) were analyzed for volatile organic compounds (GC-MS) RCP in accordance with EPA SW-846 Method 8260RCP. The samples were prepared on 11/12/2014 and analyzed on 11/22/2014 and 11/24/2014.

4-Bromofluorobenzene failed the surrogate recovery criteria low for SB-82(6.5-7.5) (460-86076-13).

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-Chloropropane and Trichloroethene failed the recovery criteria low for the MS of sample SB-76(5-6)MS (460-86076-4) in batch 460-264870. Naphthalene failed the recovery criteria high.

Acetone and Trichloroethene failed the recovery criteria high for the MSD of sample SB-76(5-6)MSD (460-86076-4) in batch 460-264870. 1,2,3-Trichlorobenzene exceeded the RPD limit.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

The following sample was diluted to bring the concentration of target analytes within the calibration range: SB-76(5-6) (460-86076-4). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the volatiles RCP analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS) RCP

Sample TB-111014 (460-86076-1) was analyzed for volatile organic compounds (GC-MS) RCP in accordance with EPA SW-846 Method 8260RCP. The samples were analyzed on 11/17/2014.

No difficulties were encountered during the volatiles RCP analysis.

All quality control parameters were within the acceptance limits.

RCP SPLP SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB-74(2-3) (460-86076-2), SB-75(5-6) (460-86076-3), SB-76(5-6) (460-86076-4), SB-73(3-4) (460-86076-5), SB-77(5-6) (460-86076-6), SB-79(5-6) (460-86076-7), SB-80(3-4) (460-86076-8), SB-81(1-2) (460-86076-10), SB-82(5-6) (460-86076-12), SB-82(6.5-7.5) (460-86076-13), SB-83(5-6) (460-86076-14) and SB-84(5.5-6.5) (460-86076-15) were analyzed for RCP SPLP semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1312/8270C (RCP). The samples were leached on 11/13/2014, prepared on 11/15/2014 and analyzed on 11/23/2014 and 11/25/2014.

Bis(2-ethylhexyl) phthalate was detected in method blank LB 460-262562/1-B at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Six surrogates are used for this analysis, three acid and three base neutrals. The laboratory's SOP allows one surrogate from each fraction to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample(s) contained an allowable number of surrogate compounds outside limits: SB-75(5-6) (460-86076-3). These results have been reported and qualified.

The initial calibration curve (IC) that ran on CBNAMS 6 on 11-16-14 (calibration ID 44830) required the use of quadratic equation for the following analytes: Indeno(1,2,3-cd)pyrene.

The initial calibration curve (IC) that ran on CBNAMS 5 on 11-23-14 (calibration ID 44992) required the use of quadratic equation for the following analytes: 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, Naphthalene, 2-Methylnaphthalene, 1,2,4,5-Tetrachlorobenzene, Acenaphthene, 4-Chlorophenyl phenylether and Fluorene.

The initial calibration verification (ICV) associated with IC 44992 was outside the 80-120% range , but within 65-135% acceptance range for the following analytes: N-Nitrosodi-n-propylamine.

The initial calibration curve (IC) that ran on CBNAMS 5 on 11-21-14 (calibration ID 44992) required the use of quadratic equation for the following analytes: 1,2,4,5-Tetrachlorobenzene, 2-Methylnaphthalene, 4-Chlorophenylphenylether, Acenaphthene, Fluorene and Naphthalene.

Refer to the QC report for details.

No other difficulties were encountered during the SPLP semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS

Samples SB-74(2-3) (460-86076-2), SB-75(5-6) (460-86076-3), SB-76(5-6) (460-86076-4), SB-73(3-4) (460-86076-5), SB-77(5-6) (460-86076-6), SB-79(5-6) (460-86076-7), SB-80(4-5) (460-86076-9), SB-81(4-5) (460-86076-11), SB-82(5-6) (460-86076-12),

SB-82(6.5-7.5) (460-86076-13), SB-83(5-6) (460-86076-14) and SB-84(5.5-6.5) (460-86076-15) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270RCP. The samples were prepared on 11/13/2014 and analyzed on 11/22/2014 and 11/23/2014.

2,4-Dinitrophenol exceeded the RPD limit for the MSD of sample SB-84(5.5-6.5)MSD (460-86076-15) in batch 460-264643.

Refer to the QC report for details.

Samples SB-75(5-6) (460-86076-3)[2X], SB-77(5-6) (460-86076-6)[2X] and SB-82(6.5-7.5) (460-86076-13)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Semivolatile organic compounds analysis.

All other quality control parameters were within the acceptance limits.

CT EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS

Samples SB-74(2-3) (460-86076-2), SB-75(5-6) (460-86076-3), SB-76(5-6) (460-86076-4), SB-73(3-4) (460-86076-5), SB-77(5-6) (460-86076-6), SB-79(5-6) (460-86076-7), SB-80(4-5) (460-86076-9), SB-81(4-5) (460-86076-11), SB-82(5-6) (460-86076-12), SB-82(6.5-7.5) (460-86076-13), SB-83(5-6) (460-86076-14) and SB-84(5.5-6.5) (460-86076-15) were analyzed for CT Extractable Total petroleum Hydrocarbons in accordance with CT ETPH - (Connecticut - Extractable Total petroleum Hydrocarbons (GC)). The samples were prepared on 11/13/2014 and analyzed on 11/15/2014 and 11/18/2014.

The surrogate recovery for the blank associated with batch 262486 was outside the upper control limits. All associated sample surrogates fell within acceptance criteria; therefore, the data have been reported.

Refer to the QC report for details.

Samples SB-74(2-3) (460-86076-2)[10X], SB-75(5-6) (460-86076-3)[10X], SB-77(5-6) (460-86076-6)[10X] and SB-82(6.5-7.5) (460-86076-13)[100X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: SB-74(2-3) (460-86076-2), SB-75(5-6) (460-86076-3), SB-77(5-6) (460-86076-6), SB-82(6.5-7.5) (460-86076-13). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the CT ETPH analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SB-74(2-3) (460-86076-2), SB-75(5-6) (460-86076-3), SB-76(5-6) (460-86076-4), SB-73(3-4) (460-86076-5), SB-77(5-6) (460-86076-6), SB-79(5-6) (460-86076-7), SB-80(3-4) (460-86076-8), SB-80(4-5) (460-86076-9), SB-81(1-2) (460-86076-10), SB-81(4-5) (460-86076-11), SB-82(5-6) (460-86076-12), SB-82(6.5-7.5) (460-86076-13), SB-83(5-6) (460-86076-14) and SB-84(5.5-6.5) (460-86076-15) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 11/14/2014.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Chronicle

Lab ID: 460-86076-1 **Client ID: TB-111014**

Sample Date/Time: 11/11/2014 15:00 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-86076-A-1		460-263208		11/17/2014 10:27	1	TAL EDI	SZD
A:8260	460-86076-A-1		460-263208		11/17/2014 10:27	1	TAL EDI	SZD

Lab ID: 460-86076-2 **Client ID: SB-74(2-3)**

Sample Date/Time: 11/10/2014 13:30 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-B-2-A		460-264604	460-262269	11/12/2014 19:39	1	TAL EDI	AVM
A:8260	460-86076-B-2-A		460-264604	460-262269	11/22/2014 18:50	1	TAL EDI	AAT
P:3546	460-86076-E-2-A		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-2-A		460-264643	460-262452	11/23/2014 00:55	1	TAL EDI	AAA
P:3510C	460-86076-A-2-C		460-264724	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-2-C		460-264724	460-262958	11/23/2014 21:33	1	TAL EDI	MMC
P:3546	460-86076-E-2-B		460-263532	460-262486	11/13/2014 14:16	10	TAL EDI	FHW
A:CT ETPH	460-86076-E-2-B		460-263532	460-262486	11/18/2014 12:20	10	TAL EDI	HJK
A:Moisture	460-86076-E-2		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Lab ID: 460-86076-3 **Client ID: SB-75(5-6)**

Sample Date/Time: 11/10/2014 14:30 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-B-3-A		460-264812	460-262269	11/12/2014 19:40	1	TAL EDI	AVM
A:8260	460-86076-B-3-A		460-264812	460-262269	11/24/2014 13:42	1	TAL EDI	AAT
P:3546	460-86076-E-3-A		460-264643	460-262452	11/13/2014 12:18	2	TAL EDI	KVR
A:8270	460-86076-E-3-A		460-264643	460-262452	11/23/2014 02:26	2	TAL EDI	AAA
P:3510C	460-86076-A-3-C		460-264724	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-3-C		460-264724	460-262958	11/23/2014 21:53	1	TAL EDI	MMC
P:3546	460-86076-E-3-B		460-263532	460-262486	11/13/2014 14:16	10	TAL EDI	FHW
A:CT ETPH	460-86076-E-3-B		460-263532	460-262486	11/18/2014 12:32	10	TAL EDI	HJK
A:Moisture	460-86076-E-3		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Chronicle

Lab ID: 460-86076-4 **Client ID: SB-76(5-6)**

Sample Date/Time: 11/11/2014 08:30 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-A-4-A		460-264870	460-262268	11/12/2014 19:34	50	TAL EDI	AVM
A:8260	460-86076-A-4-A		460-264870	460-262268	11/24/2014 09:33	50	TAL EDI	AAT
P:3546	460-86076-E-4-A		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-4-A		460-264643	460-262452	11/23/2014 01:41	1	TAL EDI	AAA
P:3510C	460-86076-A-4-C		460-264724	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-4-C		460-264724	460-262958	11/23/2014 22:14	1	TAL EDI	MMC
P:3546	460-86076-E-4-B		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	460-86076-E-4-B		460-262939	460-262486	11/15/2014 17:29	1	TAL EDI	HJK
A:Moisture	460-86076-E-4		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Lab ID: 460-86076-4 MS **Client ID: SB-76(5-6)**

Sample Date/Time: 11/11/2014 08:30 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-A-4-A MS		460-264870	460-262268	11/12/2014 19:34	50	TAL EDI	AVM
A:8260	460-86076-A-4-A MS		460-264870	460-262268	11/24/2014 11:12	50	TAL EDI	AAT

Lab ID: 460-86076-4 MSD **Client ID: SB-76(5-6)**

Sample Date/Time: 11/11/2014 08:30 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-A-4-A MSD		460-264870	460-262268	11/12/2014 19:34	50	TAL EDI	AVM
A:8260	460-86076-A-4-A MSD		460-264870	460-262268	11/24/2014 11:36	50	TAL EDI	AAT

Lab ID: 460-86076-5 **Client ID: SB-73(3-4)**

Sample Date/Time: 11/11/2014 09:10 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-C-5-A		460-264982	460-262269	11/12/2014 19:41	1	TAL EDI	AVM
A:8260	460-86076-C-5-A		460-264982	460-262269	11/24/2014 21:44	1	TAL EDI	AAT
P:3546	460-86076-E-5-A		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-5-A		460-264643	460-262452	11/23/2014 00:09	1	TAL EDI	AAA
P:3510C	460-86076-A-5-C		460-264724	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-5-C		460-264724	460-262958	11/23/2014 22:34	1	TAL EDI	MMC
P:3546	460-86076-E-5-B		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	460-86076-E-5-B		460-262939	460-262486	11/15/2014 17:42	1	TAL EDI	HJK
A:Moisture	460-86076-E-5		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Chronicle

Lab ID: 460-86076-6 **Client ID: SB-77(5-6)**

Sample Date/Time: 11/11/2014 09:40 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-B-6-A		460-264604	460-262269	11/12/2014 19:41	1	TAL EDI	AVM
A:8260	460-86076-B-6-A		460-264604	460-262269	11/22/2014 19:16	1	TAL EDI	AAT
P:3546	460-86076-E-6-A		460-264643	460-262452	11/13/2014 12:18	2	TAL EDI	KVR
A:8270	460-86076-E-6-A		460-264643	460-262452	11/23/2014 01:18	2	TAL EDI	AAA
P:3510C	460-86076-A-6-C		460-264724	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-6-C		460-264724	460-262958	11/23/2014 22:55	1	TAL EDI	MMC
P:3546	460-86076-E-6-B		460-263532	460-262486	11/13/2014 14:16	10	TAL EDI	FHW
A:CT ETPH	460-86076-E-6-B		460-263532	460-262486	11/18/2014 12:45	10	TAL EDI	HJK
A:Moisture	460-86076-E-6		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Lab ID: 460-86076-7 **Client ID: SB-79(5-6)**

Sample Date/Time: 11/11/2014 10:20 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-B-7-A		460-264604	460-262269	11/12/2014 19:42	1	TAL EDI	AVM
A:8260	460-86076-B-7-A		460-264604	460-262269	11/22/2014 18:24	1	TAL EDI	AAT
P:3546	460-86076-E-7-A		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-7-A		460-264643	460-262452	11/23/2014 02:04	1	TAL EDI	AAA
P:3510C	460-86076-A-7-C		460-264724	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-7-C		460-264724	460-262958	11/23/2014 23:16	1	TAL EDI	MMC
P:3546	460-86076-E-7-B		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	460-86076-E-7-B		460-262939	460-262486	11/15/2014 18:07	1	TAL EDI	HJK
A:Moisture	460-86076-E-7		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Lab ID: 460-86076-8 **Client ID: SB-80(3-4)**

Sample Date/Time: 11/11/2014 12:15 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3510C	460-86076-A-8-B		460-264724	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-8-B		460-264724	460-262958	11/23/2014 23:36	1	TAL EDI	MMC
A:Moisture	460-86076-A-8		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Chronicle

Lab ID: 460-86076-9 **Client ID: SB-80(4-5)**

Sample Date/Time: 11/11/2014 12:25 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-B-9-A		460-264604	460-262269	11/12/2014 19:43	1	TAL EDI	AVM
A:8260	460-86076-B-9-A		460-264604	460-262269	11/22/2014 17:58	1	TAL EDI	AAT
P:3546	460-86076-E-9-A		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-9-A		460-264643	460-262452	11/22/2014 23:23	1	TAL EDI	AAA
P:3546	460-86076-E-9-B		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	460-86076-E-9-B		460-262939	460-262486	11/15/2014 18:19	1	TAL EDI	HJK
A:Moisture	460-86076-E-9		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Lab ID: 460-86076-10 **Client ID: SB-81(1-2)**

Sample Date/Time: 11/11/2014 13:00 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3510C	460-86076-A-10-B		460-264724	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-10-B		460-264724	460-262958	11/23/2014 23:57	1	TAL EDI	MMC
A:Moisture	460-86076-A-10		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Lab ID: 460-86076-11 **Client ID: SB-81(4-5)**

Sample Date/Time: 11/11/2014 13:15 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-B-11-A		460-264604	460-262269	11/12/2014 19:43	1	TAL EDI	AVM
A:8260	460-86076-B-11-A		460-264604	460-262269	11/22/2014 16:14	1	TAL EDI	AAT
P:3546	460-86076-E-11-A		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-11-A		460-264643	460-262452	11/22/2014 22:37	1	TAL EDI	AAA
P:3546	460-86076-E-11-D		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	460-86076-E-11-D		460-262939	460-262486	11/15/2014 16:52	1	TAL EDI	HJK
A:Moisture	460-86076-E-11		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Lab ID: 460-86076-11 MS **Client ID: SB-81(4-5)**

Sample Date/Time: 11/11/2014 13:15 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-86076-E-11-B MS		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	460-86076-E-11-B MS		460-262939	460-262486	11/15/2014 16:27	1	TAL EDI	HJK

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Chronicle

Lab ID: 460-86076-11 MSD **Client ID: SB-81(4-5)**

Sample Date/Time: 11/11/2014 13:15 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-86076-E-11-C MSD		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	460-86076-E-11-C MSD		460-262939	460-262486	11/15/2014 16:39	1	TAL EDI	HJK

Lab ID: 460-86076-12 **Client ID: SB-82(5-6)**

Sample Date/Time: 11/11/2014 14:00 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-B-12-A		460-264604	460-262269	11/12/2014 19:44	1	TAL EDI	AVM
A:8260	460-86076-B-12-A		460-264604	460-262269	11/22/2014 16:40	1	TAL EDI	AAT
P:3546	460-86076-E-12-A		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-12-A		460-264643	460-262452	11/22/2014 23:46	1	TAL EDI	AAA
P:3510C	460-86076-A-12-C		460-265145	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-12-C		460-265145	460-262958	11/25/2014 20:28	1	TAL EDI	MMC
P:3546	460-86076-E-12-B		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	460-86076-E-12-B		460-262939	460-262486	11/15/2014 18:32	1	TAL EDI	HJK
A:Moisture	460-86076-E-12		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Lab ID: 460-86076-13 **Client ID: SB-82(6.5-7.5)**

Sample Date/Time: 11/11/2014 13:45 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-86076-B-13-A		460-263208		11/17/2014 15:57	1	TAL EDI	SZD
A:8260	460-86076-B-13-A		460-263208		11/17/2014 15:57	1	TAL EDI	SZD
P:5035	460-86076-C-13-A		460-264812	460-262269	11/12/2014 19:45	1	TAL EDI	AVM
A:8260	460-86076-C-13-A		460-264812	460-262269	11/24/2014 14:33	1	TAL EDI	AAT
P:3546	460-86076-G-13-A		460-264643	460-262452	11/13/2014 12:18	5	TAL EDI	KVR
A:8270	460-86076-G-13-A		460-264643	460-262452	11/23/2014 00:32	5	TAL EDI	AAA
P:3510C	460-86076-A-13-B		460-265145	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-13-B		460-265145	460-262958	11/25/2014 20:49	1	TAL EDI	MMC
P:3546	460-86076-G-13-B		460-263532	460-262486	11/13/2014 14:16	100	TAL EDI	FHW
A:CT ETPH	460-86076-G-13-B		460-263532	460-262486	11/18/2014 12:57	100	TAL EDI	HJK
A:Moisture	460-86076-G-13		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Chronicle

Lab ID: 460-86076-14 **Client ID: SB-83(5-6)**

Sample Date/Time: 11/11/2014 14:35 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-B-14-A		460-264604	460-262269	11/12/2014 19:45	1	TAL EDI	AVM
A:8260	460-86076-B-14-A		460-264604	460-262269	11/22/2014 17:06	1	TAL EDI	AAT
P:3546	460-86076-E-14-A		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-14-A		460-264643	460-262452	11/22/2014 23:00	1	TAL EDI	AAA
P:3510C	460-86076-A-14-C		460-265145	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-14-C		460-265145	460-262958	11/25/2014 21:09	1	TAL EDI	MMC
P:3546	460-86076-E-14-B		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	460-86076-E-14-B		460-262939	460-262486	11/15/2014 18:57	1	TAL EDI	HJK
A:Moisture	460-86076-E-14		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Lab ID: 460-86076-15 **Client ID: SB-84(5.5-6.5)**

Sample Date/Time: 11/11/2014 15:00 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86076-B-15-A		460-264604	460-262269	11/12/2014 19:46	1	TAL EDI	AVM
A:8260	460-86076-B-15-A		460-264604	460-262269	11/22/2014 17:32	1	TAL EDI	AAT
P:3546	460-86076-E-15-C		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-15-C		460-264643	460-262452	11/22/2014 21:28	1	TAL EDI	AAA
P:3510C	460-86076-A-15-C		460-265145	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	460-86076-A-15-C		460-265145	460-262958	11/25/2014 21:30	1	TAL EDI	MMC
P:3546	460-86076-E-15-D		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	460-86076-E-15-D		460-262939	460-262486	11/15/2014 19:10	1	TAL EDI	HJK
A:Moisture	460-86076-E-15		460-262730		11/14/2014 11:19	1	TAL EDI	CJA

Lab ID: 460-86076-15 MS **Client ID: SB-84(5.5-6.5)**

Sample Date/Time: 11/11/2014 15:00 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-86076-E-15-A MS		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-15-A MS		460-264643	460-262452	11/22/2014 21:51	1	TAL EDI	AAA

Lab ID: 460-86076-15 MSD **Client ID: SB-84(5.5-6.5)**

Sample Date/Time: 11/11/2014 15:00 Received Date/Time: 11/12/2014 09:15

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-86076-E-15-B MSD		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	460-86076-E-15-B MSD		460-264643	460-262452	11/22/2014 22:14	1	TAL EDI	AAA

Client: Weston Solutions, Inc. Job Number: 460-86076-1

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Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-263208/6		460-263208		11/17/2014 10:02	1	TAL EDI	SZD
A:8260	MB 460-263208/6		460-263208		11/17/2014 10:02	1	TAL EDI	SZD
A:8260	MB 460-264604/6		460-264604		11/22/2014 10:31	1	TAL EDI	AAT
A:8260	MB 460-264870/7		460-264870		11/24/2014 08:42	50	TAL EDI	AAT
A:8260	MB 460-264812/7		460-264812		11/24/2014 09:44	1	TAL EDI	AAT
A:8260	MB 460-264982/6		460-264982		11/24/2014 20:00	1	TAL EDI	AAT
P:3510C	MB 460-262958/1-A		460-264278	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	MB 460-262958/1-A		460-264278	460-262958	11/21/2014 13:37	1	TAL EDI	CAZ
P:3546	MB 460-262452/1-A		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	MB 460-262452/1-A		460-264643	460-262452	11/22/2014 20:19	1	TAL EDI	AAA
P:3546	MB 460-262486/1-A		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	MB 460-262486/1-A		460-262939	460-262486	11/15/2014 16:02	1	TAL EDI	HJK

Lab ID: LB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LB 460-262470/1-A		460-263208		11/17/2014 15:31	1	TAL EDI	SZD
A:8260	LB 460-262470/1-A		460-263208		11/17/2014 15:31	1	TAL EDI	SZD
P:3510C	LB 460-262562/1-B		460-265145	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	LB 460-262562/1-B		460-265145	460-262958	11/25/2014 21:51	1	TAL EDI	MMC

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-263208/3		460-263208		11/17/2014 08:46	1	TAL EDI	SZD
A:8260	LCS 460-263208/3		460-263208		11/17/2014 08:46	1	TAL EDI	SZD
A:8260	LCS 460-264604/3		460-264604		11/22/2014 08:55	1	TAL EDI	AAT
A:8260	LCS 460-264870/5		460-264870		11/24/2014 07:53	50	TAL EDI	AAT
A:8260	LCS 460-264812/4		460-264812		11/24/2014 08:08	1	TAL EDI	AAT
A:8260	LCS 460-264982/3		460-264982		11/24/2014 18:28	1	TAL EDI	AAT
P:3546	LCS 460-262452/2-A		460-264643	460-262452	11/13/2014 12:18	1	TAL EDI	KVR
A:8270	LCS 460-262452/2-A		460-264643	460-262452	11/22/2014 20:42	1	TAL EDI	AAA
P:3510C	LCS 460-262958/2-A		460-264724	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	LCS 460-262958/2-A		460-264724	460-262958	11/23/2014 16:52	1	TAL EDI	MMC
P:3546	LCS 460-262486/2-A		460-262939	460-262486	11/13/2014 14:16	1	TAL EDI	FHW
A:CT ETPH	LCS 460-262486/2-A		460-262939	460-262486	11/15/2014 16:14	1	TAL EDI	HJK

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Chronicle

Lab ID: LCSD **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCSD 460-263208/4		460-263208		11/17/2014 09:11	1	TAL EDI	SZD
A:8260	LCSD 460-263208/4		460-263208		11/17/2014 09:11	1	TAL EDI	SZD
A:8260	LCSD 460-264604/4		460-264604		11/22/2014 09:21	1	TAL EDI	AAT
A:8260	LCSD 460-264812/5		460-264812		11/24/2014 08:34	1	TAL EDI	AAT
A:8260	LCSD 460-264982/4		460-264982		11/24/2014 18:54	1	TAL EDI	AAT
P:3510C	LCSD 460-262958/3-A		460-264723	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
P:3510C	LCSD 460-262958/3-A		460-264724	460-262958	11/15/2014 12:32	1	TAL EDI	WAT
A:8270	LCSD 460-262958/3-A		460-264723	460-262958	11/23/2014 17:28	1	TAL EDI	WXC
A:8270	LCSD 460-262958/3-A		460-264724	460-262958	11/23/2014 17:28	1	TAL EDI	MMC

Lab References:
TAL EDI = TestAmerica Edison

METHOD SUMMARY

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260	
Closed System Purge and Trap	TAL EDI		SW846 5035
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260	
SPLP Extraction	TAL EDI		SW846 1312
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Compounds (GC/MS)	TAL EDI	SW846 8270	
Microwave Extraction	TAL EDI		SW846 3546
Semivolatile Compounds (GC/MS)	TAL EDI	SW846 8270	
SPLP Extraction	TAL EDI		SW846 1312
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Connecticut - Extractable Total petroleum Hydrocarbons (GC)	TAL EDI	STATE CT ETPH	
Microwave Extraction	TAL EDI		SW846 3546
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260	
Purge and Trap	TAL EDI		SW846 5030B

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

STATE = State of Connecticut Department of Public Health

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method	Analyst	Analyst ID
SW846 8260	Desai, Saurab	SZD
SW846 8260	Tupayachi, Audberto	AAT
SW846 8270	Asfaw, Abebaye A.	AAA
SW846 8270	Crocco, Michael	MMC
STATE CT ETPH	Kim, Ho	HJK
EPA Moisture	Armbruster, Chris	CJA

SAMPLE SUMMARY

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-86076-1TB	TB-111014	Water	11/11/2014 1500	11/12/2014 0915
460-86076-2	SB-74(2-3)	Solid	11/10/2014 1330	11/12/2014 0915
460-86076-3	SB-75(5-6)	Solid	11/10/2014 1430	11/12/2014 0915
460-86076-4	SB-76(5-6)	Solid	11/11/2014 0830	11/12/2014 0915
460-86076-5	SB-73(3-4)	Solid	11/11/2014 0910	11/12/2014 0915
460-86076-6	SB-77(5-6)	Solid	11/11/2014 0940	11/12/2014 0915
460-86076-7	SB-79(5-6)	Solid	11/11/2014 1020	11/12/2014 0915
460-86076-8	SB-80(3-4)	Solid	11/11/2014 1215	11/12/2014 0915
460-86076-9	SB-80(4-5)	Solid	11/11/2014 1225	11/12/2014 0915
460-86076-10	SB-81(1-2)	Solid	11/11/2014 1300	11/12/2014 0915
460-86076-11	SB-81(4-5)	Solid	11/11/2014 1315	11/12/2014 0915
460-86076-12	SB-82(5-6)	Solid	11/11/2014 1400	11/12/2014 0915
460-86076-13	SB-82(6.5-7.5)	Solid	11/11/2014 1345	11/12/2014 0915
460-86076-14	SB-83(5-6)	Solid	11/11/2014 1435	11/12/2014 0915
460-86076-15	SB-84(5.5-6.5)	Solid	11/11/2014 1500	11/12/2014 0915

SAMPLE RESULTS

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **TB-111014**

Lab Sample ID: 460-86076-1TB Date Sampled: 11/11/2014 1500
Client Matrix: Water Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P92481.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1027			Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1027				

Analyte	Result (ug/L)	Qualifier	RL	RL
Acetone	2.5	U	2.5	2.5
Acrylonitrile	2.0	U	2.0	2.0
Benzene	0.50	U	0.50	0.50
Bromobenzene	0.50	U	0.50	0.50
n-Butylbenzene	0.50	U	0.50	0.50
sec-Butylbenzene	0.50	U	0.50	0.50
tert-Butylbenzene	0.50	U	0.50	0.50
Dichlorobromomethane	0.50	U	0.50	0.50
Bromoform	0.50	U	0.50	0.50
Bromomethane	0.50	U	0.50	0.50
2-Butanone (MEK)	2.5	U	2.5	2.5
Chlorobenzene	0.50	U	0.50	0.50
Carbon disulfide	0.50	U	0.50	0.50
Carbon tetrachloride	0.50	U	0.50	0.50
Chloroethane	0.50	U	0.50	0.50
Chloroform	0.50	U	0.50	0.50
Chloromethane	0.50	U	0.50	0.50
Chlorodibromomethane	0.50	U	0.50	0.50
1,2-Dibromo-3-Chloropropane	0.50	U	0.50	0.50
1,2-Dichlorobenzene	0.50	U	0.50	0.50
1,3-Dichlorobenzene	0.50	U	0.50	0.50
1,4-Dichlorobenzene	0.50	U	0.50	0.50
trans-1,4-Dichloro-2-butene	0.50	U	0.50	0.50
1,1-Dichloroethane	0.50	U	0.50	0.50
1,2-Dichloroethane	0.50	U	0.50	0.50
1,1-Dichloroethene	0.50	U	0.50	0.50
cis-1,2-Dichloroethene	0.50	U	0.50	0.50
trans-1,2-Dichloroethene	0.50	U	0.50	0.50
1,2-Dichloropropane	0.50	U	0.50	0.50
1,3-Dichloropropane	0.50	U	0.50	0.50
2,2-Dichloropropane	0.50	U	0.50	0.50
1,1-Dichloropropene	0.50	U	0.50	0.50
cis-1,3-Dichloropropene	0.50	U	0.50	0.50
trans-1,3-Dichloropropene	0.50	U	0.50	0.50
Ethylbenzene	0.50	U	0.50	0.50
Hexachlorobutadiene	0.50	U	0.50	0.50
2-Hexanone	2.5	U	2.5	2.5
Isopropylbenzene	0.50	U	0.50	0.50
Methylene Chloride	0.50	U	0.50	0.50
4-Methyl-2-pentanone (MIBK)	2.5	U	2.5	2.5
Methyl tert-butyl ether	0.50	U	0.50	0.50
Naphthalene	0.50	U	0.50	0.50
N-Propylbenzene	0.50	U	0.50	0.50
Styrene	0.50	U	0.50	0.50
1,1,1,2-Tetrachloroethane	0.50	U	0.50	0.50
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.50

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **TB-111014**

Lab Sample ID: 460-86076-1TB Date Sampled: 11/11/2014 1500
Client Matrix: Water Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P92481.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1027			Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1027				

Analyte	Result (ug/L)	Qualifier	RL	RL
Toluene	0.50	U	0.50	0.50
Tetrachloroethene	0.50	U	0.50	0.50
Tetrahydrofuran	1.0	U	1.0	1.0
1,2,3-Trichlorobenzene	0.50	U	0.50	0.50
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
1,1,1-Trichloroethane	0.50	U	0.50	0.50
1,1,2-Trichloroethane	0.50	U	0.50	0.50
Trichloroethene	0.50	U	0.50	0.50
Trichlorofluoromethane	0.50	U	0.50	0.50
1,2,3-Trichloropropane	0.50	U	0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	0.50
1,2,4-Trimethylbenzene	0.50	U	0.50	0.50
1,3,5-Trimethylbenzene	0.50	U	0.50	0.50
Vinyl chloride	0.50	U	0.50	0.50
m-Xylene & p-Xylene	1.0	U	1.0	1.0
o-Xylene	0.50	U	0.50	0.50
Xylenes, Total	1.5	U	1.5	1.5
2-Chlorotoluene	0.50	U	0.50	0.50
4-Chlorotoluene	0.50	U	0.50	0.50
Ethylene Dibromide	0.50	U	0.50	0.50
Dibromomethane	0.50	U	0.50	0.50
Dichlorodifluoromethane	0.50	U	0.50	0.50
4-Isopropyltoluene	0.50	U	0.50	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96		70 - 130
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene	95		70 - 130
Dibromofluoromethane (Surr)	95		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-74(2-3)**

Lab Sample ID: 460-86076-2 Date Sampled: 11/10/2014 1330
Client Matrix: Solid % Moisture: 12.0 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93391.D
Dilution:	1.0			Initial Weight/Volume:	6.205 g
Analysis Date:	11/22/2014 1850			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1939				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		0.92	U H	0.92	0.92
1,1,1-Trichloroethane		0.92	U H	0.92	0.92
1,1,2,2-Tetrachloroethane		0.92	U H	0.92	0.92
1,1,2-Trichloro-1,2,2-trifluoroethane		0.92	U H	0.92	0.92
1,1,2-Trichloroethane		0.92	U H	0.92	0.92
1,1-Dichloroethane		0.92	U H	0.92	0.92
1,1-Dichloroethene		0.92	U H	0.92	0.92
1,1-Dichloropropene		0.92	U H	0.92	0.92
1,2,3-Trichlorobenzene		0.92	U H	0.92	0.92
1,2,3-Trichloropropane		0.92	U H	0.92	0.92
1,2,4-Trichlorobenzene		0.92	U H	0.92	0.92
1,2,4-Trimethylbenzene		0.92	U H	0.92	0.92
1,2-Dibromo-3-Chloropropane		0.92	U H	0.92	0.92
1,2-Dichlorobenzene		0.92	U H	0.92	0.92
1,2-Dichloropropane		0.92	U H	0.92	0.92
1,3,5-Trimethylbenzene		0.92	U H	0.92	0.92
1,3-Dichlorobenzene		0.92	U H	0.92	0.92
1,3-Dichloropropane		0.92	U H	0.92	0.92
1,4-Dichlorobenzene		0.92	U H	0.92	0.92
2,2-Dichloropropane		0.92	U H	0.92	0.92
Acrylonitrile		46	U H	46	46
Benzene		0.92	U H	0.92	0.92
Bromobenzene		0.92	U H	0.92	0.92
Bromoform		0.92	U H	0.92	0.92
Bromomethane		0.92	U H	0.92	0.92
Carbon disulfide		13	H	0.92	0.92
Carbon tetrachloride		0.92	U H	0.92	0.92
Chlorobenzene		0.92	U H	0.92	0.92
Chlorodibromomethane		0.92	U H	0.92	0.92
Chloroethane		0.92	U H	0.92	0.92
Hexachlorobutadiene		0.92	U H	0.92	0.92
Isopropylbenzene		0.92	U H	0.92	0.92
Methyl tert-butyl ether		0.92	U H	0.92	0.92
Methylene Chloride		3.3	H	0.92	0.92
Naphthalene		0.92	U H	0.92	0.92
n-Butylbenzene		0.92	U H	0.92	0.92
N-Propylbenzene		0.92	U H	0.92	0.92
o-Xylene		0.92	U H	0.92	0.92
sec-Butylbenzene		0.92	U H	0.92	0.92
Styrene		0.92	U H	0.92	0.92
tert-Butylbenzene		0.92	U H	0.92	0.92
Tetrachloroethene		0.92	U H	0.92	0.92
Tetrahydrofuran		13	H	1.8	1.8
Toluene		0.92	U H	0.92	0.92
trans-1,2-Dichloroethene		0.92	U H	0.92	0.92
trans-1,3-Dichloropropene		0.92	U H	0.92	0.92

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-74(2-3)**

Lab Sample ID: 460-86076-2 Date Sampled: 11/10/2014 1330
Client Matrix: Solid % Moisture: 12.0 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93391.D
Dilution:	1.0			Initial Weight/Volume:	6.205 g
Analysis Date:	11/22/2014 1850			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1939				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		0.92	U H	0.92	0.92
Trichloroethene		0.92	U H	0.92	0.92
Trichlorofluoromethane		0.92	U H	0.92	0.92
Vinyl chloride		0.92	U H	0.92	0.92
Xylenes, Total		1.8	U H	1.8	1.8
2-Butanone (MEK)		16	H	9.2	9.2
Chloroform		0.92	U H	0.92	0.92
1,2-Dichloroethane		0.92	U H	0.92	0.92
2-Hexanone		9.2	U H	9.2	9.2
4-Methyl-2-pentanone (MIBK)		9.2	U H	9.2	9.2
Acetone		73	H	9.2	9.2
Dichlorobromomethane		0.92	U H	0.92	0.92
Chloromethane		0.92	U H	0.92	0.92
cis-1,2-Dichloroethene		0.92	U H	0.92	0.92
cis-1,3-Dichloropropene		0.92	U H	0.92	0.92
Ethylbenzene		0.92	U H	0.92	0.92
m-Xylene & p-Xylene		0.92	U H	0.92	0.92
2-Chlorotoluene		0.92	U H	0.92	0.92
4-Chlorotoluene		0.92	U H	0.92	0.92
Ethylene Dibromide		0.92	U H	0.92	0.92
Dibromomethane		0.92	U H	0.92	0.92
Dichlorodifluoromethane		0.92	U H	0.92	0.92
4-Isopropyltoluene		0.92	U H	0.92	0.92

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-75(5-6)**

Lab Sample ID: 460-86076-3 Date Sampled: 11/10/2014 1430
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264812	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93409.D
Dilution:	1.0			Initial Weight/Volume:	4.326 g
Analysis Date:	11/24/2014 1342			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1940				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.4	U	1.4	1.4
1,1,1-Trichloroethane		1.4	U	1.4	1.4
1,1,2,2-Tetrachloroethane		1.4	U	1.4	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane		1.4	U	1.4	1.4
1,1,2-Trichloroethane		1.4	U	1.4	1.4
1,1-Dichloroethane		1.4	U	1.4	1.4
1,1-Dichloroethene		1.4	U	1.4	1.4
1,1-Dichloropropene		1.4	U	1.4	1.4
1,2,3-Trichlorobenzene		1.4	U	1.4	1.4
1,2,3-Trichloropropane		1.4	U	1.4	1.4
1,2,4-Trichlorobenzene		1.4	U	1.4	1.4
1,2,4-Trimethylbenzene		2.5		1.4	1.4
1,2-Dibromo-3-Chloropropane		1.4	U	1.4	1.4
1,2-Dichlorobenzene		1.4	U	1.4	1.4
1,2-Dichloropropane		1.4	U	1.4	1.4
1,3,5-Trimethylbenzene		2.4		1.4	1.4
1,3-Dichlorobenzene		1.4	U	1.4	1.4
1,3-Dichloropropane		1.4	U	1.4	1.4
1,4-Dichlorobenzene		1.4	U	1.4	1.4
2,2-Dichloropropane		1.4	U	1.4	1.4
Acrylonitrile		69	U	69	69
Benzene		1.4	U	1.4	1.4
Bromobenzene		1.4	U	1.4	1.4
Bromoform		1.4	U	1.4	1.4
Bromomethane		1.4	U	1.4	1.4
Carbon disulfide		1.4	U	1.4	1.4
Carbon tetrachloride		1.4	U	1.4	1.4
Chlorobenzene		1.4	U	1.4	1.4
Chlorodibromomethane		1.4	U	1.4	1.4
Chloroethane		1.4	U	1.4	1.4
Hexachlorobutadiene		1.4	U	1.4	1.4
Isopropylbenzene		1.4	U	1.4	1.4
Methyl tert-butyl ether		1.4	U	1.4	1.4
Methylene Chloride		7.0		1.4	1.4
Naphthalene		6.5		1.4	1.4
n-Butylbenzene		1.4	U	1.4	1.4
N-Propylbenzene		1.4	U	1.4	1.4
o-Xylene		1.4	U	1.4	1.4
sec-Butylbenzene		1.4	U	1.4	1.4
Styrene		1.4	U	1.4	1.4
tert-Butylbenzene		1.4	U	1.4	1.4
Tetrachloroethene		1.4	U	1.4	1.4
Tetrahydrofuran		22		2.7	2.7
Toluene		1.4	U	1.4	1.4
trans-1,2-Dichloroethene		1.4	U	1.4	1.4
trans-1,3-Dichloropropene		1.4	U	1.4	1.4

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-75(5-6)**

Lab Sample ID: 460-86076-3 Date Sampled: 11/10/2014 1430
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264812	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93409.D
Dilution:	1.0			Initial Weight/Volume:	4.326 g
Analysis Date:	11/24/2014 1342			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1940				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.4	U	1.4	1.4
Trichloroethene		1.4	U	1.4	1.4
Trichlorofluoromethane		1.4	U	1.4	1.4
Vinyl chloride		1.4	U	1.4	1.4
Xylenes, Total		2.7	U	2.7	2.7
2-Butanone (MEK)		14	U	14	14
Chloroform		1.4	U	1.4	1.4
1,2-Dichloroethane		1.4	U	1.4	1.4
2-Hexanone		14	U	14	14
4-Methyl-2-pentanone (MIBK)		14	U	14	14
Acetone		64		14	14
Dichlorobromomethane		1.4	U	1.4	1.4
Chloromethane		1.4	U	1.4	1.4
cis-1,2-Dichloroethene		1.4	U	1.4	1.4
cis-1,3-Dichloropropene		1.4	U	1.4	1.4
Ethylbenzene		1.4	U	1.4	1.4
m-Xylene & p-Xylene		1.4	U	1.4	1.4
2-Chlorotoluene		1.4	U	1.4	1.4
4-Chlorotoluene		1.4	U	1.4	1.4
Ethylene Dibromide		1.4	U	1.4	1.4
Dibromomethane		1.4	U	1.4	1.4
Dichlorodifluoromethane		1.4	U	1.4	1.4
4-Isopropyltoluene		1.4	U	1.4	1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene	95		70 - 130
Dibromofluoromethane (Surr)	112		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-76(5-6)**

Lab Sample ID: 460-86076-4 Date Sampled: 11/11/2014 0830
Client Matrix: Solid % Moisture: 24.7 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-262268	Lab File ID:	B76407.D
Dilution:	50			Initial Weight/Volume:	5.031 g
Analysis Date:	11/24/2014 0933			Final Weight/Volume:	10 mL
Prep Date:	11/12/2014 1934				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		66	U	66	66
1,1,1-Trichloroethane		120		66	66
1,1,2,2-Tetrachloroethane		66	U	66	66
1,1,2-Trichloro-1,2,2-trifluoroethane		66	U	66	66
1,1,2-Trichloroethane		66	U	66	66
1,1-Dichloroethane		66	U	66	66
1,1-Dichloroethene		66	U	66	66
1,1-Dichloropropene		66	U	66	66
1,2,3-Trichlorobenzene		130	U	130	130
1,2,3-Trichloropropane		66	U	66	66
1,2,4-Trichlorobenzene		66	U	66	66
1,2,4-Trimethylbenzene		66	U	66	66
1,2-Dibromo-3-Chloropropane		66	U *	66	66
1,2-Dichlorobenzene		66	U	66	66
1,2-Dichloropropane		66	U	66	66
1,3,5-Trimethylbenzene		66	U	66	66
1,3-Dichlorobenzene		66	U	66	66
1,3-Dichloropropane		66	U	66	66
1,4-Dichlorobenzene		66	U	66	66
2,2-Dichloropropane		66	U	66	66
Acrylonitrile		130	U	130	130
Benzene		66	U	66	66
Bromobenzene		66	U	66	66
Bromoform		66	U	66	66
Bromomethane		66	U	66	66
Carbon disulfide		66	U	66	66
Carbon tetrachloride		66	U	66	66
Chlorobenzene		66	U	66	66
Chlorodibromomethane		66	U	66	66
Chloroethane		66	U	66	66
Hexachlorobutadiene		66	U	66	66
Isopropylbenzene		66	U	66	66
Methyl tert-butyl ether		66	U	66	66
Methylene Chloride		66	U	66	66
Naphthalene		130	U	130	130
n-Butylbenzene		66	U	66	66
N-Propylbenzene		66	U	66	66
o-Xylene		66	U	66	66
sec-Butylbenzene		66	U	66	66
Styrene		66	U	66	66
tert-Butylbenzene		66	U	66	66
Tetrachloroethene		66	U	66	66
Tetrahydrofuran		66	U	66	66
Toluene		66	U	66	66
trans-1,2-Dichloroethene		66	U	66	66
trans-1,3-Dichloropropene		66	U	66	66

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-76(5-6)**

Lab Sample ID: 460-86076-4 Date Sampled: 11/11/2014 0830
Client Matrix: Solid % Moisture: 24.7 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-262268	Lab File ID:	B76407.D
Dilution:	50			Initial Weight/Volume:	5.031 g
Analysis Date:	11/24/2014 0933			Final Weight/Volume:	10 mL
Prep Date:	11/12/2014 1934				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		66	U	66	66
Trichloroethene		41000		66	66
Trichlorofluoromethane		66	U	66	66
Vinyl chloride		66	U	66	66
Xylenes, Total		130	U	130	130
2-Butanone (MEK)		130	U	130	130
Chloroform		77		66	66
1,2-Dichloroethane		66	U	66	66
2-Hexanone		130	U	130	130
4-Methyl-2-pentanone (MIBK)		130	U	130	130
Acetone		330	U	330	330
Dichlorobromomethane		66	U	66	66
Chloromethane		66	U	66	66
cis-1,2-Dichloroethene		66	U	66	66
cis-1,3-Dichloropropene		66	U	66	66
Ethylbenzene		66	U	66	66
m-Xylene & p-Xylene		66	U	66	66
2-Chlorotoluene		66	U	66	66
4-Chlorotoluene		66	U	66	66
Ethylene Dibromide		66	U	66	66
Dibromomethane		66	U	66	66
Dichlorodifluoromethane		66	U	66	66
4-Isopropyltoluene		66	U	66	66

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	76		70 - 130
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene	90		70 - 130
Dibromofluoromethane (Surr)	88		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-73(3-4)**

Lab Sample ID: 460-86076-5 Date Sampled: 11/11/2014 0910
Client Matrix: Solid % Moisture: 20.7 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264982	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93427.D
Dilution:	1.0			Initial Weight/Volume:	3.972 g
Analysis Date:	11/24/2014 2144			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1941				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.6	U	1.6	1.6
1,1,1-Trichloroethane		1.6	U	1.6	1.6
1,1,2,2-Tetrachloroethane		1.6	U	1.6	1.6
1,1,2-Trichloro-1,2,2-trifluoroethane		1.6	U	1.6	1.6
1,1,2-Trichloroethane		1.6	U	1.6	1.6
1,1-Dichloroethane		1.6	U	1.6	1.6
1,1-Dichloroethene		1.6	U	1.6	1.6
1,1-Dichloropropene		1.6	U	1.6	1.6
1,2,3-Trichlorobenzene		1.6	U	1.6	1.6
1,2,3-Trichloropropane		1.6	U	1.6	1.6
1,2,4-Trichlorobenzene		1.6	U	1.6	1.6
1,2,4-Trimethylbenzene		1.6	U	1.6	1.6
1,2-Dibromo-3-Chloropropane		1.6	U	1.6	1.6
1,2-Dichlorobenzene		1.6	U	1.6	1.6
1,2-Dichloropropane		1.6	U	1.6	1.6
1,3,5-Trimethylbenzene		1.6	U	1.6	1.6
1,3-Dichlorobenzene		1.6	U	1.6	1.6
1,3-Dichloropropane		1.6	U	1.6	1.6
1,4-Dichlorobenzene		1.6	U	1.6	1.6
2,2-Dichloropropane		1.6	U	1.6	1.6
Acrylonitrile		79	U	79	79
Benzene		1.6	U	1.6	1.6
Bromobenzene		1.6	U	1.6	1.6
Bromoform		1.6	U	1.6	1.6
Bromomethane		1.6	U	1.6	1.6
Carbon disulfide		1.6	U	1.6	1.6
Carbon tetrachloride		1.6	U	1.6	1.6
Chlorobenzene		1.6	U	1.6	1.6
Chlorodibromomethane		1.6	U	1.6	1.6
Chloroethane		1.6	U	1.6	1.6
Hexachlorobutadiene		1.6	U	1.6	1.6
Isopropylbenzene		1.6	U	1.6	1.6
Methyl tert-butyl ether		1.6	U	1.6	1.6
Methylene Chloride		5.5		1.6	1.6
Naphthalene		1.6	U	1.6	1.6
n-Butylbenzene		1.6	U	1.6	1.6
N-Propylbenzene		1.6	U	1.6	1.6
o-Xylene		1.6	U	1.6	1.6
sec-Butylbenzene		1.6	U	1.6	1.6
Styrene		1.6	U	1.6	1.6
tert-Butylbenzene		1.6	U	1.6	1.6
Tetrachloroethene		1.6	U	1.6	1.6
Tetrahydrofuran		3.2	U	3.2	3.2
Toluene		2.0		1.6	1.6
trans-1,2-Dichloroethene		1.6	U	1.6	1.6
trans-1,3-Dichloropropene		1.6	U	1.6	1.6

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-73(3-4)**

Lab Sample ID: 460-86076-5 Date Sampled: 11/11/2014 0910
Client Matrix: Solid % Moisture: 20.7 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264982	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93427.D
Dilution:	1.0			Initial Weight/Volume:	3.972 g
Analysis Date:	11/24/2014 2144			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1941				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.6	U	1.6	1.6
Trichloroethene		1.6	U	1.6	1.6
Trichlorofluoromethane		1.6	U	1.6	1.6
Vinyl chloride		1.6	U	1.6	1.6
Xylenes, Total		3.2	U	3.2	3.2
2-Butanone (MEK)		16	U	16	16
Chloroform		1.6	U	1.6	1.6
1,2-Dichloroethane		1.6	U	1.6	1.6
2-Hexanone		16	U	16	16
4-Methyl-2-pentanone (MIBK)		16	U	16	16
Acetone		16	U	16	16
Dichlorobromomethane		1.6	U	1.6	1.6
Chloromethane		1.6	U	1.6	1.6
cis-1,2-Dichloroethene		1.6	U	1.6	1.6
cis-1,3-Dichloropropene		1.6	U	1.6	1.6
Ethylbenzene		1.6	U	1.6	1.6
m-Xylene & p-Xylene		1.6	U	1.6	1.6
2-Chlorotoluene		1.6	U	1.6	1.6
4-Chlorotoluene		1.6	U	1.6	1.6
Ethylene Dibromide		1.6	U	1.6	1.6
Dibromomethane		1.6	U	1.6	1.6
Dichlorodifluoromethane		1.6	U	1.6	1.6
4-Isopropyltoluene		1.6	U	1.6	1.6

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	115		70 - 130
Toluene-d8 (Surr)	104		70 - 130
4-Bromofluorobenzene	88		70 - 130
Dibromofluoromethane (Surr)	115		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-77(5-6)**

Lab Sample ID: 460-86076-6 Date Sampled: 11/11/2014 0940
Client Matrix: Solid % Moisture: 27.7 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93392.D
Dilution:	1.0			Initial Weight/Volume:	4.936 g
Analysis Date:	11/22/2014 1916			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1941				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.4	U	1.4	1.4
1,1,1-Trichloroethane		1.4	U	1.4	1.4
1,1,2,2-Tetrachloroethane		1.4	U	1.4	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane		1.4	U	1.4	1.4
1,1,2-Trichloroethane		1.4	U	1.4	1.4
1,1-Dichloroethane		1.4	U	1.4	1.4
1,1-Dichloroethene		1.4	U	1.4	1.4
1,1-Dichloropropene		1.4	U	1.4	1.4
1,2,3-Trichlorobenzene		1.4	U	1.4	1.4
1,2,3-Trichloropropane		1.4	U	1.4	1.4
1,2,4-Trichlorobenzene		1.4	U	1.4	1.4
1,2,4-Trimethylbenzene		1.4	U	1.4	1.4
1,2-Dibromo-3-Chloropropane		1.4	U	1.4	1.4
1,2-Dichlorobenzene		1.4	U	1.4	1.4
1,2-Dichloropropane		1.4	U	1.4	1.4
1,3,5-Trimethylbenzene		1.4	U	1.4	1.4
1,3-Dichlorobenzene		1.4	U	1.4	1.4
1,3-Dichloropropane		1.4	U	1.4	1.4
1,4-Dichlorobenzene		1.4	U	1.4	1.4
2,2-Dichloropropane		1.4	U	1.4	1.4
Acrylonitrile		70	U	70	70
Benzene		1.4	U	1.4	1.4
Bromobenzene		1.4	U	1.4	1.4
Bromoform		1.4	U	1.4	1.4
Bromomethane		1.4	U	1.4	1.4
Carbon disulfide		1.8		1.4	1.4
Carbon tetrachloride		1.4	U	1.4	1.4
Chlorobenzene		1.4	U	1.4	1.4
Chlorodibromomethane		1.4	U	1.4	1.4
Chloroethane		1.4	U	1.4	1.4
Hexachlorobutadiene		1.4	U	1.4	1.4
Isopropylbenzene		1.4	U	1.4	1.4
Methyl tert-butyl ether		1.4	U	1.4	1.4
Methylene Chloride		1.4	U	1.4	1.4
Naphthalene		1.4	U	1.4	1.4
n-Butylbenzene		1.4	U	1.4	1.4
N-Propylbenzene		1.4	U	1.4	1.4
o-Xylene		1.4	U	1.4	1.4
sec-Butylbenzene		1.4	U	1.4	1.4
Styrene		1.4	U	1.4	1.4
tert-Butylbenzene		1.4	U	1.4	1.4
Tetrachloroethene		1.4	U	1.4	1.4
Tetrahydrofuran		16		2.8	2.8
Toluene		1.4	U	1.4	1.4
trans-1,2-Dichloroethene		1.4	U	1.4	1.4
trans-1,3-Dichloropropene		1.4	U	1.4	1.4

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-77(5-6)**

Lab Sample ID: 460-86076-6 Date Sampled: 11/11/2014 0940
Client Matrix: Solid % Moisture: 27.7 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93392.D
Dilution:	1.0			Initial Weight/Volume:	4.936 g
Analysis Date:	11/22/2014 1916			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1941				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.4	U	1.4	1.4
Trichloroethene		1.4	U	1.4	1.4
Trichlorofluoromethane		1.4	U	1.4	1.4
Vinyl chloride		1.4	U	1.4	1.4
Xylenes, Total		2.8	U	2.8	2.8
2-Butanone (MEK)		19		14	14
Chloroform		1.4	U	1.4	1.4
1,2-Dichloroethane		1.4	U	1.4	1.4
2-Hexanone		14	U	14	14
4-Methyl-2-pentanone (MIBK)		14	U	14	14
Acetone		130		14	14
Dichlorobromomethane		1.4	U	1.4	1.4
Chloromethane		1.4	U	1.4	1.4
cis-1,2-Dichloroethene		1.4	U	1.4	1.4
cis-1,3-Dichloropropene		1.4	U	1.4	1.4
Ethylbenzene		1.4	U	1.4	1.4
m-Xylene & p-Xylene		1.4	U	1.4	1.4
2-Chlorotoluene		1.4	U	1.4	1.4
4-Chlorotoluene		1.4	U	1.4	1.4
Ethylene Dibromide		1.4	U	1.4	1.4
Dibromomethane		1.4	U	1.4	1.4
Dichlorodifluoromethane		1.4	U	1.4	1.4
4-Isopropyltoluene		1.4	U	1.4	1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 130
Toluene-d8 (Surr)	106		70 - 130
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane (Surr)	116		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-79(5-6)**

Lab Sample ID: 460-86076-7 Date Sampled: 11/11/2014 1020
Client Matrix: Solid % Moisture: 21.9 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93390.D
Dilution:	1.0			Initial Weight/Volume:	5.774 g
Analysis Date:	11/22/2014 1824			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1942				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.1	U	1.1	1.1
1,1,1-Trichloroethane		1.1	U	1.1	1.1
1,1,2,2-Tetrachloroethane		1.1	U	1.1	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane		1.1	U	1.1	1.1
1,1,2-Trichloroethane		1.1	U	1.1	1.1
1,1-Dichloroethane		1.1	U	1.1	1.1
1,1-Dichloroethene		1.1	U	1.1	1.1
1,1-Dichloropropene		1.1	U	1.1	1.1
1,2,3-Trichlorobenzene		1.1	U	1.1	1.1
1,2,3-Trichloropropane		1.1	U	1.1	1.1
1,2,4-Trichlorobenzene		1.1	U	1.1	1.1
1,2,4-Trimethylbenzene		1.1	U	1.1	1.1
1,2-Dibromo-3-Chloropropane		1.1	U	1.1	1.1
1,2-Dichlorobenzene		1.1	U	1.1	1.1
1,2-Dichloropropane		1.1	U	1.1	1.1
1,3,5-Trimethylbenzene		1.1	U	1.1	1.1
1,3-Dichlorobenzene		1.1	U	1.1	1.1
1,3-Dichloropropane		1.1	U	1.1	1.1
1,4-Dichlorobenzene		1.1	U	1.1	1.1
2,2-Dichloropropane		1.1	U	1.1	1.1
Acrylonitrile		55	U	55	55
Benzene		1.1	U	1.1	1.1
Bromobenzene		1.1	U	1.1	1.1
Bromoform		1.1	U	1.1	1.1
Bromomethane		1.1	U	1.1	1.1
Carbon disulfide		1.7		1.1	1.1
Carbon tetrachloride		1.1	U	1.1	1.1
Chlorobenzene		1.1	U	1.1	1.1
Chlorodibromomethane		1.1	U	1.1	1.1
Chloroethane		1.1	U	1.1	1.1
Hexachlorobutadiene		1.1	U	1.1	1.1
Isopropylbenzene		1.1	U	1.1	1.1
Methyl tert-butyl ether		1.1	U	1.1	1.1
Methylene Chloride		4.1		1.1	1.1
Naphthalene		4.6		1.1	1.1
n-Butylbenzene		1.1	U	1.1	1.1
N-Propylbenzene		1.1	U	1.1	1.1
o-Xylene		1.1	U	1.1	1.1
sec-Butylbenzene		1.1	U	1.1	1.1
Styrene		1.1	U	1.1	1.1
tert-Butylbenzene		1.1	U	1.1	1.1
Tetrachloroethene		1.1	U	1.1	1.1
Tetrahydrofuran		14		2.2	2.2
Toluene		1.1	U	1.1	1.1
trans-1,2-Dichloroethene		1.1	U	1.1	1.1
trans-1,3-Dichloropropene		1.1	U	1.1	1.1

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-79(5-6)**

Lab Sample ID: 460-86076-7 Date Sampled: 11/11/2014 1020
Client Matrix: Solid % Moisture: 21.9 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93390.D
Dilution:	1.0			Initial Weight/Volume:	5.774 g
Analysis Date:	11/22/2014 1824			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1942				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.1	U	1.1	1.1
Trichloroethene		1.1	U	1.1	1.1
Trichlorofluoromethane		1.1	U	1.1	1.1
Vinyl chloride		1.1	U	1.1	1.1
Xylenes, Total		2.2	U	2.2	2.2
2-Butanone (MEK)		11	U	11	11
Chloroform		1.1	U	1.1	1.1
1,2-Dichloroethane		1.1	U	1.1	1.1
2-Hexanone		11	U	11	11
4-Methyl-2-pentanone (MIBK)		11	U	11	11
Acetone		54		11	11
Dichlorobromomethane		1.1	U	1.1	1.1
Chloromethane		1.1	U	1.1	1.1
cis-1,2-Dichloroethene		1.1	U	1.1	1.1
cis-1,3-Dichloropropene		1.1	U	1.1	1.1
Ethylbenzene		1.1	U	1.1	1.1
m-Xylene & p-Xylene		1.1	U	1.1	1.1
2-Chlorotoluene		1.1	U	1.1	1.1
4-Chlorotoluene		1.1	U	1.1	1.1
Ethylene Dibromide		1.1	U	1.1	1.1
Dibromomethane		1.1	U	1.1	1.1
Dichlorodifluoromethane		1.1	U	1.1	1.1
4-Isopropyltoluene		1.1	U	1.1	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	119		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane (Surr)	110		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-80(4-5)**

Lab Sample ID: 460-86076-9 Date Sampled: 11/11/2014 1225
Client Matrix: Solid % Moisture: 24.6 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93389.D
Dilution:	1.0			Initial Weight/Volume:	5.58 g
Analysis Date:	11/22/2014 1758			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1943				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.2	U	1.2	1.2
1,1,1-Trichloroethane		1.2	U	1.2	1.2
1,1,2,2-Tetrachloroethane		1.2	U	1.2	1.2
1,1,2-Trichloro-1,2,2-trifluoroethane		1.2	U	1.2	1.2
1,1,2-Trichloroethane		1.2	U	1.2	1.2
1,1-Dichloroethane		1.2	U	1.2	1.2
1,1-Dichloroethene		1.2	U	1.2	1.2
1,1-Dichloropropene		1.2	U	1.2	1.2
1,2,3-Trichlorobenzene		1.2	U	1.2	1.2
1,2,3-Trichloropropane		1.2	U	1.2	1.2
1,2,4-Trichlorobenzene		1.2	U	1.2	1.2
1,2,4-Trimethylbenzene		1.2	U	1.2	1.2
1,2-Dibromo-3-Chloropropane		1.2	U	1.2	1.2
1,2-Dichlorobenzene		1.2	U	1.2	1.2
1,2-Dichloropropane		1.2	U	1.2	1.2
1,3,5-Trimethylbenzene		1.2	U	1.2	1.2
1,3-Dichlorobenzene		1.2	U	1.2	1.2
1,3-Dichloropropane		1.2	U	1.2	1.2
1,4-Dichlorobenzene		1.2	U	1.2	1.2
2,2-Dichloropropane		1.2	U	1.2	1.2
Acrylonitrile		59	U	59	59
Benzene		1.2	U	1.2	1.2
Bromobenzene		1.2	U	1.2	1.2
Bromoform		1.2	U	1.2	1.2
Bromomethane		1.2	U	1.2	1.2
Carbon disulfide		1.9		1.2	1.2
Carbon tetrachloride		1.2	U	1.2	1.2
Chlorobenzene		1.2	U	1.2	1.2
Chlorodibromomethane		1.2	U	1.2	1.2
Chloroethane		1.2	U	1.2	1.2
Hexachlorobutadiene		1.2	U	1.2	1.2
Isopropylbenzene		1.2	U	1.2	1.2
Methyl tert-butyl ether		1.2	U	1.2	1.2
Methylene Chloride		5.0		1.2	1.2
Naphthalene		1.2	U	1.2	1.2
n-Butylbenzene		1.2	U	1.2	1.2
N-Propylbenzene		1.2	U	1.2	1.2
o-Xylene		1.2	U	1.2	1.2
sec-Butylbenzene		1.2	U	1.2	1.2
Styrene		1.2	U	1.2	1.2
tert-Butylbenzene		1.2	U	1.2	1.2
Tetrachloroethene		1.2	U	1.2	1.2
Tetrahydrofuran		15		2.4	2.4
Toluene		1.2	U	1.2	1.2
trans-1,2-Dichloroethene		1.2	U	1.2	1.2
trans-1,3-Dichloropropene		1.2	U	1.2	1.2

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-80(4-5)**

Lab Sample ID: 460-86076-9 Date Sampled: 11/11/2014 1225
Client Matrix: Solid % Moisture: 24.6 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93389.D
Dilution:	1.0			Initial Weight/Volume:	5.58 g
Analysis Date:	11/22/2014 1758			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1943				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.2	U	1.2	1.2
Trichloroethene		1.2	U	1.2	1.2
Trichlorofluoromethane		1.2	U	1.2	1.2
Vinyl chloride		1.2	U	1.2	1.2
Xylenes, Total		2.4	U	2.4	2.4
2-Butanone (MEK)		35		12	12
Chloroform		1.2	U	1.2	1.2
1,2-Dichloroethane		1.2	U	1.2	1.2
2-Hexanone		12	U	12	12
4-Methyl-2-pentanone (MIBK)		12	U	12	12
Acetone		160		12	12
Dichlorobromomethane		1.2	U	1.2	1.2
Chloromethane		1.2	U	1.2	1.2
cis-1,2-Dichloroethene		1.2	U	1.2	1.2
cis-1,3-Dichloropropene		1.2	U	1.2	1.2
Ethylbenzene		1.2	U	1.2	1.2
m-Xylene & p-Xylene		1.2	U	1.2	1.2
2-Chlorotoluene		1.2	U	1.2	1.2
4-Chlorotoluene		1.2	U	1.2	1.2
Ethylene Dibromide		1.2	U	1.2	1.2
Dibromomethane		1.2	U	1.2	1.2
Dichlorodifluoromethane		1.2	U	1.2	1.2
4-Isopropyltoluene		1.2	U	1.2	1.2

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	106		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-81(4-5)**

Lab Sample ID: 460-86076-11 Date Sampled: 11/11/2014 1315
Client Matrix: Solid % Moisture: 7.3 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93385.D
Dilution:	1.0			Initial Weight/Volume:	7.048 g
Analysis Date:	11/22/2014 1614			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1943				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		0.77	U	0.77	0.77
1,1,1-Trichloroethane		0.77	U	0.77	0.77
1,1,2,2-Tetrachloroethane		0.77	U	0.77	0.77
1,1,2-Trichloro-1,2,2-trifluoroethane		0.77	U	0.77	0.77
1,1,2-Trichloroethane		0.77	U	0.77	0.77
1,1-Dichloroethane		0.77	U	0.77	0.77
1,1-Dichloroethene		0.77	U	0.77	0.77
1,1-Dichloropropene		0.77	U	0.77	0.77
1,2,3-Trichlorobenzene		0.77	U	0.77	0.77
1,2,3-Trichloropropane		0.77	U	0.77	0.77
1,2,4-Trichlorobenzene		0.77	U	0.77	0.77
1,2,4-Trimethylbenzene		0.77	U	0.77	0.77
1,2-Dibromo-3-Chloropropane		0.77	U	0.77	0.77
1,2-Dichlorobenzene		0.77	U	0.77	0.77
1,2-Dichloropropane		0.77	U	0.77	0.77
1,3,5-Trimethylbenzene		0.77	U	0.77	0.77
1,3-Dichlorobenzene		0.77	U	0.77	0.77
1,3-Dichloropropane		0.77	U	0.77	0.77
1,4-Dichlorobenzene		0.77	U	0.77	0.77
2,2-Dichloropropane		0.77	U	0.77	0.77
Acrylonitrile		38	U	38	38
Benzene		0.77	U	0.77	0.77
Bromobenzene		0.77	U	0.77	0.77
Bromoform		0.77	U	0.77	0.77
Bromomethane		0.77	U	0.77	0.77
Carbon disulfide		0.77	U	0.77	0.77
Carbon tetrachloride		0.77	U	0.77	0.77
Chlorobenzene		0.77	U	0.77	0.77
Chlorodibromomethane		0.77	U	0.77	0.77
Chloroethane		0.77	U	0.77	0.77
Hexachlorobutadiene		0.77	U	0.77	0.77
Isopropylbenzene		0.77	U	0.77	0.77
Methyl tert-butyl ether		0.77	U	0.77	0.77
Methylene Chloride		3.0		0.77	0.77
Naphthalene		0.77	U	0.77	0.77
n-Butylbenzene		0.77	U	0.77	0.77
N-Propylbenzene		0.77	U	0.77	0.77
o-Xylene		0.77	U	0.77	0.77
sec-Butylbenzene		0.77	U	0.77	0.77
Styrene		0.77	U	0.77	0.77
tert-Butylbenzene		0.77	U	0.77	0.77
Tetrachloroethene		0.77	U	0.77	0.77
Tetrahydrofuran		10		1.5	1.5
Toluene		0.77	U	0.77	0.77
trans-1,2-Dichloroethene		0.77	U	0.77	0.77
trans-1,3-Dichloropropene		0.77	U	0.77	0.77

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-81(4-5)**

Lab Sample ID: 460-86076-11 Date Sampled: 11/11/2014 1315
Client Matrix: Solid % Moisture: 7.3 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93385.D
Dilution:	1.0			Initial Weight/Volume:	7.048 g
Analysis Date:	11/22/2014 1614			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1943				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		0.77	U	0.77	0.77
Trichloroethene		0.77	U	0.77	0.77
Trichlorofluoromethane		0.77	U	0.77	0.77
Vinyl chloride		0.77	U	0.77	0.77
Xylenes, Total		1.5	U	1.5	1.5
2-Butanone (MEK)		7.7	U	7.7	7.7
Chloroform		0.77	U	0.77	0.77
1,2-Dichloroethane		0.77	U	0.77	0.77
2-Hexanone		7.7	U	7.7	7.7
4-Methyl-2-pentanone (MIBK)		7.7	U	7.7	7.7
Acetone		15		7.7	7.7
Dichlorobromomethane		0.77	U	0.77	0.77
Chloromethane		0.77	U	0.77	0.77
cis-1,2-Dichloroethene		0.77	U	0.77	0.77
cis-1,3-Dichloropropene		0.77	U	0.77	0.77
Ethylbenzene		0.77	U	0.77	0.77
m-Xylene & p-Xylene		0.77	U	0.77	0.77
2-Chlorotoluene		0.77	U	0.77	0.77
4-Chlorotoluene		0.77	U	0.77	0.77
Ethylene Dibromide		0.77	U	0.77	0.77
Dibromomethane		0.77	U	0.77	0.77
Dichlorodifluoromethane		0.77	U	0.77	0.77
4-Isopropyltoluene		0.77	U	0.77	0.77

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	105		70 - 130
Dibromofluoromethane (Surr)	109		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(5-6)**

Lab Sample ID: 460-86076-12 Date Sampled: 11/11/2014 1400
Client Matrix: Solid % Moisture: 10.7 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93386.D
Dilution:	1.0			Initial Weight/Volume:	6.229 g
Analysis Date:	11/22/2014 1640			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1944				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		0.90	U	0.90	0.90
1,1,1-Trichloroethane		0.90	U	0.90	0.90
1,1,2,2-Tetrachloroethane		0.90	U	0.90	0.90
1,1,2-Trichloro-1,2,2-trifluoroethane		0.90	U	0.90	0.90
1,1,2-Trichloroethane		0.90	U	0.90	0.90
1,1-Dichloroethane		0.90	U	0.90	0.90
1,1-Dichloroethene		0.90	U	0.90	0.90
1,1-Dichloropropene		0.90	U	0.90	0.90
1,2,3-Trichlorobenzene		0.90	U	0.90	0.90
1,2,3-Trichloropropane		0.90	U	0.90	0.90
1,2,4-Trichlorobenzene		0.90	U	0.90	0.90
1,2,4-Trimethylbenzene		0.90	U	0.90	0.90
1,2-Dibromo-3-Chloropropane		0.90	U	0.90	0.90
1,2-Dichlorobenzene		0.90	U	0.90	0.90
1,2-Dichloropropane		0.90	U	0.90	0.90
1,3,5-Trimethylbenzene		0.90	U	0.90	0.90
1,3-Dichlorobenzene		0.90	U	0.90	0.90
1,3-Dichloropropane		0.90	U	0.90	0.90
1,4-Dichlorobenzene		0.90	U	0.90	0.90
2,2-Dichloropropane		0.90	U	0.90	0.90
Acrylonitrile		45	U	45	45
Benzene		0.90	U	0.90	0.90
Bromobenzene		0.90	U	0.90	0.90
Bromoform		0.90	U	0.90	0.90
Bromomethane		0.90	U	0.90	0.90
Carbon disulfide		0.90	U	0.90	0.90
Carbon tetrachloride		0.90	U	0.90	0.90
Chlorobenzene		0.90	U	0.90	0.90
Chlorodibromomethane		0.90	U	0.90	0.90
Chloroethane		0.90	U	0.90	0.90
Hexachlorobutadiene		0.90	U	0.90	0.90
Isopropylbenzene		0.90	U	0.90	0.90
Methyl tert-butyl ether		0.90	U	0.90	0.90
Methylene Chloride		5.7		0.90	0.90
Naphthalene		0.90	U	0.90	0.90
n-Butylbenzene		0.90	U	0.90	0.90
N-Propylbenzene		0.90	U	0.90	0.90
o-Xylene		0.90	U	0.90	0.90
sec-Butylbenzene		0.90	U	0.90	0.90
Styrene		0.90	U	0.90	0.90
tert-Butylbenzene		0.90	U	0.90	0.90
Tetrachloroethene		0.90	U	0.90	0.90
Tetrahydrofuran		12		1.8	1.8
Toluene		0.90	U	0.90	0.90
trans-1,2-Dichloroethene		0.90	U	0.90	0.90
trans-1,3-Dichloropropene		0.90	U	0.90	0.90

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(5-6)**

Lab Sample ID: 460-86076-12 Date Sampled: 11/11/2014 1400
Client Matrix: Solid % Moisture: 10.7 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93386.D
Dilution:	1.0			Initial Weight/Volume:	6.229 g
Analysis Date:	11/22/2014 1640			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1944				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		0.90	U	0.90	0.90
Trichloroethene		0.90	U	0.90	0.90
Trichlorofluoromethane		0.90	U	0.90	0.90
Vinyl chloride		0.90	U	0.90	0.90
Xylenes, Total		1.8	U	1.8	1.8
2-Butanone (MEK)		9.0	U	9.0	9.0
Chloroform		0.90	U	0.90	0.90
1,2-Dichloroethane		0.90	U	0.90	0.90
2-Hexanone		9.0	U	9.0	9.0
4-Methyl-2-pentanone (MIBK)		9.0	U	9.0	9.0
Acetone		40		9.0	9.0
Dichlorobromomethane		0.90	U	0.90	0.90
Chloromethane		0.90	U	0.90	0.90
cis-1,2-Dichloroethene		0.90	U	0.90	0.90
cis-1,3-Dichloropropene		0.90	U	0.90	0.90
Ethylbenzene		0.90	U	0.90	0.90
m-Xylene & p-Xylene		0.90	U	0.90	0.90
2-Chlorotoluene		0.90	U	0.90	0.90
4-Chlorotoluene		0.90	U	0.90	0.90
Ethylene Dibromide		0.90	U	0.90	0.90
Dibromomethane		0.90	U	0.90	0.90
Dichlorodifluoromethane		0.90	U	0.90	0.90
4-Isopropyltoluene		0.90	U	0.90	0.90

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	111		70 - 130
Toluene-d8 (Surr)	98		70 - 130
4-Bromofluorobenzene	94		70 - 130
Dibromofluoromethane (Surr)	107		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(6.5-7.5)**

Lab Sample ID: 460-86076-13 Date Sampled: 11/11/2014 1345
Client Matrix: Solid % Moisture: 12.7 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264812	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93411.D
Dilution:	1.0			Initial Weight/Volume:	6.541 g
Analysis Date:	11/24/2014 1433			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1945				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		0.88	U	0.88	0.88
1,1,1-Trichloroethane		0.88	U	0.88	0.88
1,1,2,2-Tetrachloroethane		0.88	U *	0.88	0.88
1,1,2-Trichloro-1,2,2-trifluoroethane		0.88	U	0.88	0.88
1,1,2-Trichloroethane		0.88	U	0.88	0.88
1,1-Dichloroethane		0.88	U	0.88	0.88
1,1-Dichloroethene		0.88	U	0.88	0.88
1,1-Dichloropropene		0.88	U	0.88	0.88
1,2,3-Trichlorobenzene		0.88	U *	0.88	0.88
1,2,3-Trichloropropane		0.88	U *	0.88	0.88
1,2,4-Trichlorobenzene		0.88	U *	0.88	0.88
1,2,4-Trimethylbenzene		130	*	0.88	0.88
1,2-Dibromo-3-Chloropropane		0.88	U *	0.88	0.88
1,2-Dichlorobenzene		0.88	U *	0.88	0.88
1,2-Dichloropropane		0.88	U	0.88	0.88
1,3,5-Trimethylbenzene		41	*	0.88	0.88
1,3-Dichlorobenzene		0.88	U *	0.88	0.88
1,3-Dichloropropane		0.88	U	0.88	0.88
1,4-Dichlorobenzene		0.88	U *	0.88	0.88
2,2-Dichloropropane		0.88	U	0.88	0.88
Acrylonitrile		44	U	44	44
Benzene		0.88	U	0.88	0.88
Bromobenzene		0.88	U *	0.88	0.88
Bromoform		0.88	U	0.88	0.88
Bromomethane		0.88	U	0.88	0.88
Carbon disulfide		0.88	U	0.88	0.88
Carbon tetrachloride		0.88	U	0.88	0.88
Chlorobenzene		0.88	U	0.88	0.88
Chlorodibromomethane		0.88	U	0.88	0.88
Chloroethane		0.88	U	0.88	0.88
Hexachlorobutadiene		0.88	U *	0.88	0.88
Isopropylbenzene		27		0.88	0.88
Methyl tert-butyl ether		0.88	U	0.88	0.88
Methylene Chloride		0.88	U	0.88	0.88
Naphthalene		230	*	0.88	0.88
n-Butylbenzene		100	*	0.88	0.88
N-Propylbenzene		110	*	0.88	0.88
o-Xylene		2.7		0.88	0.88
sec-Butylbenzene		59	*	0.88	0.88
Styrene		0.88	U	0.88	0.88
tert-Butylbenzene		0.88	U *	0.88	0.88
Tetrachloroethene		0.88	U	0.88	0.88
Tetrahydrofuran		1.8	U	1.8	1.8
Toluene		1.1		0.88	0.88
trans-1,2-Dichloroethene		0.88	U	0.88	0.88
trans-1,3-Dichloropropene		0.88	U	0.88	0.88

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(6.5-7.5)**

Lab Sample ID: 460-86076-13 Date Sampled: 11/11/2014 1345
Client Matrix: Solid % Moisture: 12.7 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264812	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93411.D
Dilution:	1.0			Initial Weight/Volume:	6.541 g
Analysis Date:	11/24/2014 1433			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1945				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		0.88	U *	0.88	0.88
Trichloroethene		0.88	U	0.88	0.88
Trichlorofluoromethane		0.88	U	0.88	0.88
Vinyl chloride		0.88	U	0.88	0.88
Xylenes, Total		10		1.8	1.8
2-Butanone (MEK)		8.8	U	8.8	8.8
Chloroform		0.88	U	0.88	0.88
1,2-Dichloroethane		0.88	U	0.88	0.88
2-Hexanone		8.8	U	8.8	8.8
4-Methyl-2-pentanone (MIBK)		8.8	U	8.8	8.8
Acetone		33		8.8	8.8
Dichlorobromomethane		0.88	U	0.88	0.88
Chloromethane		0.88	U	0.88	0.88
cis-1,2-Dichloroethene		0.88	U	0.88	0.88
cis-1,3-Dichloropropene		0.88	U	0.88	0.88
Ethylbenzene		1.0		0.88	0.88
m-Xylene & p-Xylene		7.5		0.88	0.88
2-Chlorotoluene		0.88	U *	0.88	0.88
4-Chlorotoluene		0.88	U *	0.88	0.88
Ethylene Dibromide		0.88	U	0.88	0.88
Dibromomethane		0.88	U	0.88	0.88
Dichlorodifluoromethane		0.88	U	0.88	0.88
4-Isopropyltoluene		0.88	U *	0.88	0.88

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	110		70 - 130
Toluene-d8 (Surr)	110		70 - 130
4-Bromofluorobenzene	68	X	70 - 130
Dibromofluoromethane (Surr)	109		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(6.5-7.5)**

Lab Sample ID: 460-86076-13 Date Sampled: 11/11/2014 1345
Client Matrix: Solid Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)-SPLP

Analysis Method:	8260	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P92494.D
Dilution:	1.0	Leach Batch:	460-262470	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1557			Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1557				
Leach Date:	11/13/2014 1348				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acetone		0.0050	U	0.0050	0.0050
Acrylonitrile		0.0020	U	0.0020	0.0020
Benzene		0.0010	U	0.0010	0.0010
Bromobenzene		0.0010	U	0.0010	0.0010
n-Butylbenzene		0.0010	U	0.0010	0.0010
sec-Butylbenzene		0.0010	U	0.0010	0.0010
tert-Butylbenzene		0.0010	U	0.0010	0.0010
Dichlorobromomethane		0.0010	U	0.0010	0.0010
Bromoform		0.0010	U	0.0010	0.0010
Bromomethane		0.0010	U	0.0010	0.0010
2-Butanone (MEK)		0.0010	U	0.0010	0.0010
Chlorobenzene		0.0010	U	0.0010	0.0010
Carbon disulfide		0.0010	U	0.0010	0.0010
Carbon tetrachloride		0.0010	U	0.0010	0.0010
Chloroethane		0.0010	U	0.0010	0.0010
Chloroform		0.0010	U	0.0010	0.0010
Chloromethane		0.0010	U	0.0010	0.0010
Chlorodibromomethane		0.0010	U	0.0010	0.0010
1,2-Dibromo-3-Chloropropane		0.0010	U	0.0010	0.0010
1,2-Dichlorobenzene		0.0010	U	0.0010	0.0010
1,3-Dichlorobenzene		0.0010	U	0.0010	0.0010
1,4-Dichlorobenzene		0.0010	U	0.0010	0.0010
trans-1,4-Dichloro-2-butene		0.0010	U	0.0010	0.0010
1,1-Dichloroethane		0.0010	U	0.0010	0.0010
1,2-Dichloroethane		0.0010	U	0.0010	0.0010
1,1-Dichloroethene		0.0010	U	0.0010	0.0010
cis-1,2-Dichloroethene		0.0010	U	0.0010	0.0010
trans-1,2-Dichloroethene		0.0010	U	0.0010	0.0010
1,2-Dichloropropane		0.0010	U	0.0010	0.0010
1,3-Dichloropropane		0.0010	U	0.0010	0.0010
2,2-Dichloropropane		0.0010	U	0.0010	0.0010
1,1-Dichloropropene		0.0010	U	0.0010	0.0010
cis-1,3-Dichloropropene		0.0010	U	0.0010	0.0010
trans-1,3-Dichloropropene		0.0010	U	0.0010	0.0010
Ethylbenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
2-Hexanone		0.0020	U	0.0020	0.0020
Isopropylbenzene		0.0010	U	0.0010	0.0010
Methylene Chloride		0.031	B	0.0010	0.0010
4-Methyl-2-pentanone (MIBK)		0.0020	U	0.0020	0.0020
Methyl tert-butyl ether		0.0010	U	0.0010	0.0010
Naphthalene		0.0068		0.0010	0.0010
N-Propylbenzene		0.0010	U	0.0010	0.0010
Styrene		0.0010	U	0.0010	0.0010
1,1,1,2-Tetrachloroethane		0.0010	U	0.0010	0.0010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(6.5-7.5)**

Lab Sample ID: 460-86076-13 Date Sampled: 11/11/2014 1345
Client Matrix: Solid Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)-SPLP

Analysis Method:	8260	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P92494.D
Dilution:	1.0	Leach Batch:	460-262470	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1557			Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1557				
Leach Date:	11/13/2014 1348				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
1,1,2,2-Tetrachloroethane		0.0010	U	0.0010	0.0010
Toluene		0.0010	U	0.0010	0.0010
Tetrachloroethene		0.0010	U	0.0010	0.0010
Tetrahydrofuran		0.0010	U	0.0010	0.0010
1,2,3-Trichlorobenzene		0.0010	U	0.0010	0.0010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
1,1,1-Trichloroethane		0.0010	U	0.0010	0.0010
1,1,2-Trichloroethane		0.0010	U	0.0010	0.0010
Trichloroethene		0.0010	U	0.0010	0.0010
Trichlorofluoromethane		0.0010	U	0.0010	0.0010
1,2,3-Trichloropropane		0.0010	U	0.0010	0.0010
1,1,2-Trichloro-1,2,2-trifluoroethane		0.0010	U	0.0010	0.0010
1,2,4-Trimethylbenzene		0.0072	B	0.0010	0.0010
1,3,5-Trimethylbenzene		0.0016		0.0010	0.0010
Vinyl chloride		0.0010	U	0.0010	0.0010
m-Xylene & p-Xylene		0.0020	U	0.0020	0.0020
o-Xylene		0.0010	U	0.0010	0.0010
Xylenes, Total		0.0030	U	0.0030	0.0030
2-Chlorotoluene		0.0010	U	0.0010	0.0010
4-Chlorotoluene		0.0010	U	0.0010	0.0010
Ethylene Dibromide		0.0010	U	0.0010	0.0010
Dibromomethane		0.0010	U	0.0010	0.0010
Dichlorodifluoromethane		0.0020	U	0.0020	0.0020
4-Isopropyltoluene		0.0010	U	0.0010	0.0010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane (Surr)	100		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-83(5-6)**

Lab Sample ID: 460-86076-14 Date Sampled: 11/11/2014 1435
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93387.D
Dilution:	1.0			Initial Weight/Volume:	6.447 g
Analysis Date:	11/22/2014 1706			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1945				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		0.91	U	0.91	0.91
1,1,1-Trichloroethane		0.91	U	0.91	0.91
1,1,2,2-Tetrachloroethane		0.91	U	0.91	0.91
1,1,2-Trichloro-1,2,2-trifluoroethane		0.91	U	0.91	0.91
1,1,2-Trichloroethane		0.91	U	0.91	0.91
1,1-Dichloroethane		0.91	U	0.91	0.91
1,1-Dichloroethene		0.91	U	0.91	0.91
1,1-Dichloropropene		0.91	U	0.91	0.91
1,2,3-Trichlorobenzene		0.91	U	0.91	0.91
1,2,3-Trichloropropane		0.91	U	0.91	0.91
1,2,4-Trichlorobenzene		0.91	U	0.91	0.91
1,2,4-Trimethylbenzene		0.91	U	0.91	0.91
1,2-Dibromo-3-Chloropropane		0.91	U	0.91	0.91
1,2-Dichlorobenzene		0.91	U	0.91	0.91
1,2-Dichloropropane		0.91	U	0.91	0.91
1,3,5-Trimethylbenzene		0.91	U	0.91	0.91
1,3-Dichlorobenzene		0.91	U	0.91	0.91
1,3-Dichloropropane		0.91	U	0.91	0.91
1,4-Dichlorobenzene		0.91	U	0.91	0.91
2,2-Dichloropropane		0.91	U	0.91	0.91
Acrylonitrile		46	U	46	46
Benzene		0.91	U	0.91	0.91
Bromobenzene		0.91	U	0.91	0.91
Bromoform		0.91	U	0.91	0.91
Bromomethane		0.91	U	0.91	0.91
Carbon disulfide		0.91	U	0.91	0.91
Carbon tetrachloride		0.91	U	0.91	0.91
Chlorobenzene		0.91	U	0.91	0.91
Chlorodibromomethane		0.91	U	0.91	0.91
Chloroethane		0.91	U	0.91	0.91
Hexachlorobutadiene		0.91	U	0.91	0.91
Isopropylbenzene		0.91	U	0.91	0.91
Methyl tert-butyl ether		0.91	U	0.91	0.91
Methylene Chloride		3.5		0.91	0.91
Naphthalene		0.91	U	0.91	0.91
n-Butylbenzene		0.91	U	0.91	0.91
N-Propylbenzene		0.91	U	0.91	0.91
o-Xylene		0.91	U	0.91	0.91
sec-Butylbenzene		0.91	U	0.91	0.91
Styrene		0.91	U	0.91	0.91
tert-Butylbenzene		0.91	U	0.91	0.91
Tetrachloroethene		0.91	U	0.91	0.91
Tetrahydrofuran		12		1.8	1.8
Toluene		0.91	U	0.91	0.91
trans-1,2-Dichloroethene		0.91	U	0.91	0.91
trans-1,3-Dichloropropene		0.91	U	0.91	0.91

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-83(5-6)**

Lab Sample ID: 460-86076-14 Date Sampled: 11/11/2014 1435
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93387.D
Dilution:	1.0			Initial Weight/Volume:	6.447 g
Analysis Date:	11/22/2014 1706			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1945				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		0.91	U	0.91	0.91
Trichloroethene		0.91	U	0.91	0.91
Trichlorofluoromethane		0.91	U	0.91	0.91
Vinyl chloride		0.91	U	0.91	0.91
Xylenes, Total		1.8	U	1.8	1.8
2-Butanone (MEK)		9.1	U	9.1	9.1
Chloroform		0.91	U	0.91	0.91
1,2-Dichloroethane		0.91	U	0.91	0.91
2-Hexanone		9.1	U	9.1	9.1
4-Methyl-2-pentanone (MIBK)		9.1	U	9.1	9.1
Acetone		35		9.1	9.1
Dichlorobromomethane		0.91	U	0.91	0.91
Chloromethane		0.91	U	0.91	0.91
cis-1,2-Dichloroethene		0.91	U	0.91	0.91
cis-1,3-Dichloropropene		0.91	U	0.91	0.91
Ethylbenzene		0.91	U	0.91	0.91
m-Xylene & p-Xylene		0.91	U	0.91	0.91
2-Chlorotoluene		0.91	U	0.91	0.91
4-Chlorotoluene		0.91	U	0.91	0.91
Ethylene Dibromide		0.91	U	0.91	0.91
Dibromomethane		0.91	U	0.91	0.91
Dichlorodifluoromethane		0.91	U	0.91	0.91
4-Isopropyltoluene		0.91	U	0.91	0.91

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	114		70 - 130
Toluene-d8 (Surr)	95		70 - 130
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane (Surr)	111		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-84(5.5-6.5)**

Lab Sample ID: 460-86076-15 Date Sampled: 11/11/2014 1500
Client Matrix: Solid % Moisture: 12.6 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93388.D
Dilution:	1.0			Initial Weight/Volume:	5.634 g
Analysis Date:	11/22/2014 1732			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.0	U	1.0	1.0
1,1,1-Trichloroethane		1.0	U	1.0	1.0
1,1,2,2-Tetrachloroethane		1.0	U	1.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane		1.0	U	1.0	1.0
1,1,2-Trichloroethane		1.0	U	1.0	1.0
1,1-Dichloroethane		1.0	U	1.0	1.0
1,1-Dichloroethene		1.0	U	1.0	1.0
1,1-Dichloropropene		1.0	U	1.0	1.0
1,2,3-Trichlorobenzene		1.0	U	1.0	1.0
1,2,3-Trichloropropane		1.0	U	1.0	1.0
1,2,4-Trichlorobenzene		1.0	U	1.0	1.0
1,2,4-Trimethylbenzene		1.0	U	1.0	1.0
1,2-Dibromo-3-Chloropropane		1.0	U	1.0	1.0
1,2-Dichlorobenzene		1.0	U	1.0	1.0
1,2-Dichloropropane		1.0	U	1.0	1.0
1,3,5-Trimethylbenzene		1.0	U	1.0	1.0
1,3-Dichlorobenzene		1.0	U	1.0	1.0
1,3-Dichloropropane		1.0	U	1.0	1.0
1,4-Dichlorobenzene		1.0	U	1.0	1.0
2,2-Dichloropropane		1.0	U	1.0	1.0
Acrylonitrile		51	U	51	51
Benzene		1.0	U	1.0	1.0
Bromobenzene		1.0	U	1.0	1.0
Bromoform		1.0	U	1.0	1.0
Bromomethane		1.0	U	1.0	1.0
Carbon disulfide		1.0	U	1.0	1.0
Carbon tetrachloride		1.0	U	1.0	1.0
Chlorobenzene		1.0	U	1.0	1.0
Chlorodibromomethane		1.0	U	1.0	1.0
Chloroethane		1.0	U	1.0	1.0
Hexachlorobutadiene		1.0	U	1.0	1.0
Isopropylbenzene		1.0	U	1.0	1.0
Methyl tert-butyl ether		1.0	U	1.0	1.0
Methylene Chloride		6.7		1.0	1.0
Naphthalene		1.0	U	1.0	1.0
n-Butylbenzene		1.0	U	1.0	1.0
N-Propylbenzene		1.0	U	1.0	1.0
o-Xylene		1.0	U	1.0	1.0
sec-Butylbenzene		1.0	U	1.0	1.0
Styrene		1.0	U	1.0	1.0
tert-Butylbenzene		1.0	U	1.0	1.0
Tetrachloroethene		1.0	U	1.0	1.0
Tetrahydrofuran		14		2.0	2.0
Toluene		1.0	U	1.0	1.0
trans-1,2-Dichloroethene		1.0	U	1.0	1.0
trans-1,3-Dichloropropene		1.0	U	1.0	1.0

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-84(5.5-6.5)**

Lab Sample ID: 460-86076-15 Date Sampled: 11/11/2014 1500
Client Matrix: Solid % Moisture: 12.6 Date Received: 11/12/2014 0915

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262269	Lab File ID:	O93388.D
Dilution:	1.0			Initial Weight/Volume:	5.634 g
Analysis Date:	11/22/2014 1732			Final Weight/Volume:	5 mL
Prep Date:	11/12/2014 1946				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.0	U	1.0	1.0
Trichloroethene		1.0	U	1.0	1.0
Trichlorofluoromethane		1.0	U	1.0	1.0
Vinyl chloride		1.0	U	1.0	1.0
Xylenes, Total		2.0	U	2.0	2.0
2-Butanone (MEK)		10	U	10	10
Chloroform		1.0	U	1.0	1.0
1,2-Dichloroethane		1.0	U	1.0	1.0
2-Hexanone		10	U	10	10
4-Methyl-2-pentanone (MIBK)		10	U	10	10
Acetone		27		10	10
Dichlorobromomethane		1.0	U	1.0	1.0
Chloromethane		1.0	U	1.0	1.0
cis-1,2-Dichloroethene		1.0	U	1.0	1.0
cis-1,3-Dichloropropene		1.0	U	1.0	1.0
Ethylbenzene		1.0	U	1.0	1.0
m-Xylene & p-Xylene		1.0	U	1.0	1.0
2-Chlorotoluene		1.0	U	1.0	1.0
4-Chlorotoluene		1.0	U	1.0	1.0
Ethylene Dibromide		1.0	U	1.0	1.0
Dibromomethane		1.0	U	1.0	1.0
Dichlorodifluoromethane		1.0	U	1.0	1.0
4-Isopropyltoluene		1.0	U	1.0	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	117		70 - 130
Toluene-d8 (Surr)	102		70 - 130
4-Bromofluorobenzene	107		70 - 130
Dibromofluoromethane (Surr)	111		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-74(2-3)**

Lab Sample ID: 460-86076-2 Date Sampled: 11/10/2014 1330
Client Matrix: Solid % Moisture: 12.0 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7227.D
Dilution:	1.0			Initial Weight/Volume:	14.9620 g
Analysis Date:	11/23/2014 0055			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		170		38	38
Anthracene		380	U	380	380
Benzo[a]pyrene		100		38	38
Chrysene		380	U	380	380
Naphthalene		380	U	380	380
Phenanthrene		380	U	380	380
Pyrene		380	U	380	380
Acenaphthylene		380	U	380	380
Acenaphthene		380	U	380	380
Fluorene		380	U	380	380
Fluoranthene		380	U	380	380
Benzo[b]fluoranthene		160		38	38
Benzo[k]fluoranthene		67		38	38
Benzo[g,h,i]perylene		380	U	380	380
Indeno[1,2,3-cd]pyrene		100		38	38
Dibenz(a,h)anthracene		38	U	38	38
2-Methylnaphthalene		380	U	380	380
Aniline		380	U	380	380
Bis(2-chloroethyl)ether		38	U	38	38
Bis(2-ethylhexyl) phthalate		380	U	380	380
4-Bromophenyl phenyl ether		380	U	380	380
Butyl benzyl phthalate		380	U	380	380
Carbazole		380	U	380	380
4-Chloroaniline		380	U	380	380
2-Chloronaphthalene		380	U	380	380
2-Chlorophenol		380	U	380	380
4-Chlorophenyl phenyl ether		380	U	380	380
Dibenzofuran		380	U	380	380
3,3'-Dichlorobenzidine		150	U	150	150
2,4-Dichlorophenol		150	U	150	150
Diethyl phthalate		380	U	380	380
2,4-Dimethylphenol		380	U	380	380
Dimethyl phthalate		380	U	380	380
Di-n-butyl phthalate		380	U	380	380
2,4-Dinitrophenol		300	U	300	300
2,4-Dinitrotoluene		76	U	76	76
2,6-Dinitrotoluene		76	U	76	76
Di-n-octyl phthalate		380	U	380	380
Hexachlorobenzene		38	U	38	38
Hexachlorobutadiene		76	U	76	76
Hexachlorocyclopentadiene		380	U	380	380
Hexachloroethane		38	U	38	38
Isophorone		150	U	150	150
2-Methylphenol		380	U	380	380
4-Methylphenol		380	U	380	380
2-Nitroaniline		380	U	380	380

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-74(2-3)**

Lab Sample ID: 460-86076-2 Date Sampled: 11/10/2014 1330
Client Matrix: Solid % Moisture: 12.0 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7227.D
Dilution:	1.0			Initial Weight/Volume:	14.9620 g
Analysis Date:	11/23/2014 0055			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		380	U	380	380
4-Nitroaniline		380	U	380	380
Nitrobenzene		38	U	38	38
2-Nitrophenol		380	U	380	380
N-Nitrosodiphenylamine		380	U	380	380
N-Nitrosodi-n-propylamine		38	U	38	38
Pentachlorophenol		300	U	300	300
Phenol		380	U	380	380
Pyridine		380	U	380	380
1,2,4,5-Tetrachlorobenzene		380	U	380	380
1,2,4-Trichlorobenzene		38	U	38	38
2,4,5-Trichlorophenol		380	U	380	380
2,4,6-Trichlorophenol		150	U	150	150
2,2'-oxybis[1-chloropropane]		380	U	380	380
4,6-Dinitro-2-methylphenol		300	U	300	300
4-Chloro-3-methylphenol		380	U	380	380
4-Nitrophenol		760	U	760	760
Bis(2-chloroethoxy)methane		380	U	380	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	70		30 - 130
Phenol-d5 (Surr)	65		30 - 130
Terphenyl-d14 (Surr)	77		30 - 130
2,4,6-Tribromophenol (Surr)	57		30 - 130
2-Fluorophenol (Surr)	64		30 - 130
2-Fluorobiphenyl	73		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-74(2-3)**

Lab Sample ID: 460-86076-2 Date Sampled: 11/10/2014 1330
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87239.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2133			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-74(2-3)**

Lab Sample ID: 460-86076-2 Date Sampled: 11/10/2014 1330
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87239.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2133			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	99		30 - 130
Phenol-d5 (Surr)	33		15 - 110
Terphenyl-d14 (Surr)	117		30 - 130
2,4,6-Tribromophenol (Surr)	108		15 - 110
2-Fluorophenol (Surr)	56		15 - 110
2-Fluorobiphenyl	95		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-75(5-6)**

Lab Sample ID: 460-86076-3 Date Sampled: 11/10/2014 1430
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7231.D
Dilution:	2.0			Initial Weight/Volume:	14.9963 g
Analysis Date:	11/23/2014 0226			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		3000		78	78
Anthracene		780	U	780	780
Benzo[a]pyrene		3400		78	78
Chrysene		3400		780	780
Naphthalene		780	U	780	780
Phenanthrene		3400		780	780
Pyrene		5600		780	780
Acenaphthylene		780	U	780	780
Acenaphthene		780	U	780	780
Fluorene		780	U	780	780
Fluoranthene		6500		780	780
Benzo[b]fluoranthene		4500		78	78
Benzo[k]fluoranthene		1400		78	78
Benzo[g,h,i]perylene		4800		780	780
Indeno[1,2,3-cd]pyrene		4600		78	78
Dibenz(a,h)anthracene		1200		78	78
2-Methylnaphthalene		780	U	780	780
Aniline		780	U	780	780
Bis(2-chloroethyl)ether		78	U	78	78
Bis(2-ethylhexyl) phthalate		780	U	780	780
4-Bromophenyl phenyl ether		780	U	780	780
Butyl benzyl phthalate		780	U	780	780
Carbazole		780	U	780	780
4-Chloroaniline		780	U	780	780
2-Chloronaphthalene		780	U	780	780
2-Chlorophenol		780	U	780	780
4-Chlorophenyl phenyl ether		780	U	780	780
Dibenzofuran		780	U	780	780
3,3'-Dichlorobenzidine		320	U	320	320
2,4-Dichlorophenol		320	U	320	320
Diethyl phthalate		780	U	780	780
2,4-Dimethylphenol		780	U	780	780
Dimethyl phthalate		780	U	780	780
Di-n-butyl phthalate		780	U	780	780
2,4-Dinitrophenol		630	U	630	630
2,4-Dinitrotoluene		160	U	160	160
2,6-Dinitrotoluene		160	U	160	160
Di-n-octyl phthalate		780	U	780	780
Hexachlorobenzene		78	U	78	78
Hexachlorobutadiene		160	U	160	160
Hexachlorocyclopentadiene		780	U	780	780
Hexachloroethane		78	U	78	78
Isophorone		320	U	320	320
2-Methylphenol		780	U	780	780
4-Methylphenol		780	U	780	780
2-Nitroaniline		780	U	780	780

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-75(5-6)**

Lab Sample ID: 460-86076-3 Date Sampled: 11/10/2014 1430
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7231.D
Dilution:	2.0			Initial Weight/Volume:	14.9963 g
Analysis Date:	11/23/2014 0226			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		780	U	780	780
4-Nitroaniline		780	U	780	780
Nitrobenzene		78	U	78	78
2-Nitrophenol		780	U	780	780
N-Nitrosodiphenylamine		780	U	780	780
N-Nitrosodi-n-propylamine		78	U	78	78
Pentachlorophenol		630	U	630	630
Phenol		780	U	780	780
Pyridine		780	U	780	780
1,2,4,5-Tetrachlorobenzene		780	U	780	780
1,2,4-Trichlorobenzene		78	U	78	78
2,4,5-Trichlorophenol		780	U	780	780
2,4,6-Trichlorophenol		320	U	320	320
2,2'-oxybis[1-chloropropane]		780	U	780	780
4,6-Dinitro-2-methylphenol		630	U	630	630
4-Chloro-3-methylphenol		780	U	780	780
4-Nitrophenol		1600	U	1600	1600
Bis(2-chloroethoxy)methane		780	U	780	780

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	58		30 - 130
Phenol-d5 (Surr)	49		30 - 130
Terphenyl-d14 (Surr)	62		30 - 130
2,4,6-Tribromophenol (Surr)	44		30 - 130
2-Fluorophenol (Surr)	51		30 - 130
2-Fluorobiphenyl	67		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-75(5-6)**

Lab Sample ID: 460-86076-3 Date Sampled: 11/10/2014 1430
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87240.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2153			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-75(5-6)**

Lab Sample ID: 460-86076-3 Date Sampled: 11/10/2014 1430
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87240.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2153			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	101		30 - 130
Phenol-d5 (Surr)	30		15 - 110
Terphenyl-d14 (Surr)	110		30 - 130
2,4,6-Tribromophenol (Surr)	113	X	15 - 110
2-Fluorophenol (Surr)	53		15 - 110
2-Fluorobiphenyl	101		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-76(5-6)**

Lab Sample ID: 460-86076-4 Date Sampled: 11/11/2014 0830
Client Matrix: Solid % Moisture: 24.7 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7229.D
Dilution:	1.0			Initial Weight/Volume:	14.0322 g
Analysis Date:	11/23/2014 0141			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		1800		47	47
Anthracene		470		470	470
Benzo[a]pyrene		2000		47	47
Chrysene		2100		470	470
Naphthalene		470	U	470	470
Phenanthrene		2300		470	470
Pyrene		2800		470	470
Acenaphthylene		470	U	470	470
Acenaphthene		470	U	470	470
Fluorene		470	U	470	470
Fluoranthene		3300		470	470
Benzo[b]fluoranthene		2600		47	47
Benzo[k]fluoranthene		990		47	47
Benzo[g,h,i]perylene		2000		470	470
Indeno[1,2,3-cd]pyrene		2100		47	47
Dibenz(a,h)anthracene		530		47	47
2-Methylnaphthalene		470	U	470	470
Aniline		470	U	470	470
Bis(2-chloroethyl)ether		47	U	47	47
Bis(2-ethylhexyl) phthalate		470	U	470	470
4-Bromophenyl phenyl ether		470	U	470	470
Butyl benzyl phthalate		470	U	470	470
Carbazole		470	U	470	470
4-Chloroaniline		470	U	470	470
2-Chloronaphthalene		470	U	470	470
2-Chlorophenol		470	U	470	470
4-Chlorophenyl phenyl ether		470	U	470	470
Dibenzofuran		470	U	470	470
3,3'-Dichlorobenzidine		190	U	190	190
2,4-Dichlorophenol		190	U	190	190
Diethyl phthalate		470	U	470	470
2,4-Dimethylphenol		470	U	470	470
Dimethyl phthalate		470	U	470	470
Di-n-butyl phthalate		470	U	470	470
2,4-Dinitrophenol		380	U	380	380
2,4-Dinitrotoluene		95	U	95	95
2,6-Dinitrotoluene		95	U	95	95
Di-n-octyl phthalate		470	U	470	470
Hexachlorobenzene		47	U	47	47
Hexachlorobutadiene		95	U	95	95
Hexachlorocyclopentadiene		470	U	470	470
Hexachloroethane		47	U	47	47
Isophorone		190	U	190	190
2-Methylphenol		470	U	470	470
4-Methylphenol		470	U	470	470
2-Nitroaniline		470	U	470	470

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-76(5-6)**

Lab Sample ID: 460-86076-4 Date Sampled: 11/11/2014 0830
Client Matrix: Solid % Moisture: 24.7 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7229.D
Dilution:	1.0			Initial Weight/Volume:	14.0322 g
Analysis Date:	11/23/2014 0141			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		470	U	470	470
4-Nitroaniline		470	U	470	470
Nitrobenzene		47	U	47	47
2-Nitrophenol		470	U	470	470
N-Nitrosodiphenylamine		470	U	470	470
N-Nitrosodi-n-propylamine		47	U	47	47
Pentachlorophenol		380	U	380	380
Phenol		470	U	470	470
Pyridine		470	U	470	470
1,2,4,5-Tetrachlorobenzene		470	U	470	470
1,2,4-Trichlorobenzene		47	U	47	47
2,4,5-Trichlorophenol		470	U	470	470
2,4,6-Trichlorophenol		190	U	190	190
2,2'-oxybis[1-chloropropane]		470	U	470	470
4,6-Dinitro-2-methylphenol		380	U	380	380
4-Chloro-3-methylphenol		470	U	470	470
4-Nitrophenol		950	U	950	950
Bis(2-chloroethoxy)methane		470	U	470	470

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	51		30 - 130
Phenol-d5 (Surr)	48		30 - 130
Terphenyl-d14 (Surr)	62		30 - 130
2,4,6-Tribromophenol (Surr)	45		30 - 130
2-Fluorophenol (Surr)	46		30 - 130
2-Fluorobiphenyl	59		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-76(5-6)**

Lab Sample ID: 460-86076-4 Date Sampled: 11/11/2014 0830
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87241.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2214			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-76(5-6)**

Lab Sample ID: 460-86076-4 Date Sampled: 11/11/2014 0830
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87241.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2214			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	94		30 - 130
Phenol-d5 (Surr)	27		15 - 110
Terphenyl-d14 (Surr)	118		30 - 130
2,4,6-Tribromophenol (Surr)	96		15 - 110
2-Fluorophenol (Surr)	51		15 - 110
2-Fluorobiphenyl	92		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-73(3-4)**

Lab Sample ID: 460-86076-5 Date Sampled: 11/11/2014 0910
Client Matrix: Solid % Moisture: 20.7 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7225.D
Dilution:	1.0			Initial Weight/Volume:	15.0102 g
Analysis Date:	11/23/2014 0009			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		42	U	42	42
Anthracene		420	U	420	420
Benzo[a]pyrene		42	U	42	42
Chrysene		420	U	420	420
Naphthalene		420	U	420	420
Phenanthrene		420	U	420	420
Pyrene		420	U	420	420
Acenaphthylene		420	U	420	420
Acenaphthene		420	U	420	420
Fluorene		420	U	420	420
Fluoranthene		420	U	420	420
Benzo[b]fluoranthene		42	U	42	42
Benzo[k]fluoranthene		42	U	42	42
Benzo[g,h,i]perylene		420	U	420	420
Indeno[1,2,3-cd]pyrene		42	U	42	42
Dibenz(a,h)anthracene		42	U	42	42
2-Methylnaphthalene		420	U	420	420
Aniline		420	U	420	420
Bis(2-chloroethyl)ether		42	U	42	42
Bis(2-ethylhexyl) phthalate		420	U	420	420
4-Bromophenyl phenyl ether		420	U	420	420
Butyl benzyl phthalate		420	U	420	420
Carbazole		420	U	420	420
4-Chloroaniline		420	U	420	420
2-Chloronaphthalene		420	U	420	420
2-Chlorophenol		420	U	420	420
4-Chlorophenyl phenyl ether		420	U	420	420
Dibenzofuran		420	U	420	420
3,3'-Dichlorobenzidine		170	U	170	170
2,4-Dichlorophenol		170	U	170	170
Diethyl phthalate		420	U	420	420
2,4-Dimethylphenol		420	U	420	420
Dimethyl phthalate		420	U	420	420
Di-n-butyl phthalate		420	U	420	420
2,4-Dinitrophenol		340	U	340	340
2,4-Dinitrotoluene		84	U	84	84
2,6-Dinitrotoluene		84	U	84	84
Di-n-octyl phthalate		420	U	420	420
Hexachlorobenzene		42	U	42	42
Hexachlorobutadiene		84	U	84	84
Hexachlorocyclopentadiene		420	U	420	420
Hexachloroethane		42	U	42	42
Isophorone		170	U	170	170
2-Methylphenol		420	U	420	420
4-Methylphenol		420	U	420	420
2-Nitroaniline		420	U	420	420

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-73(3-4)**

Lab Sample ID: 460-86076-5 Date Sampled: 11/11/2014 0910
Client Matrix: Solid % Moisture: 20.7 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7225.D
Dilution:	1.0			Initial Weight/Volume:	15.0102 g
Analysis Date:	11/23/2014 0009			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		420	U	420	420
4-Nitroaniline		420	U	420	420
Nitrobenzene		42	U	42	42
2-Nitrophenol		420	U	420	420
N-Nitrosodiphenylamine		420	U	420	420
N-Nitrosodi-n-propylamine		42	U	42	42
Pentachlorophenol		340	U	340	340
Phenol		420	U	420	420
Pyridine		420	U	420	420
1,2,4,5-Tetrachlorobenzene		420	U	420	420
1,2,4-Trichlorobenzene		42	U	42	42
2,4,5-Trichlorophenol		420	U	420	420
2,4,6-Trichlorophenol		170	U	170	170
2,2'-oxybis[1-chloropropane]		420	U	420	420
4,6-Dinitro-2-methylphenol		340	U	340	340
4-Chloro-3-methylphenol		420	U	420	420
4-Nitrophenol		840	U	840	840
Bis(2-chloroethoxy)methane		420	U	420	420

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	44		30 - 130
Phenol-d5 (Surr)	43		30 - 130
Terphenyl-d14 (Surr)	57		30 - 130
2,4,6-Tribromophenol (Surr)	39		30 - 130
2-Fluorophenol (Surr)	40		30 - 130
2-Fluorobiphenyl	49		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-73(3-4)**

Lab Sample ID: 460-86076-5 Date Sampled: 11/11/2014 0910
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87242.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2234			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0026	B	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-73(3-4)**

Lab Sample ID: 460-86076-5 Date Sampled: 11/11/2014 0910
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87242.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2234			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	92		30 - 130
Phenol-d5 (Surr)	30		15 - 110
Terphenyl-d14 (Surr)	104		30 - 130
2,4,6-Tribromophenol (Surr)	94		15 - 110
2-Fluorophenol (Surr)	53		15 - 110
2-Fluorobiphenyl	90		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-77(5-6)**

Lab Sample ID: 460-86076-6 Date Sampled: 11/11/2014 0940
Client Matrix: Solid % Moisture: 27.7 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7228.D
Dilution:	2.0			Initial Weight/Volume:	15.0236 g
Analysis Date:	11/23/2014 0118			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		2100		91	91
Anthracene		1500		910	910
Benzo[a]pyrene		1800		91	91
Chrysene		2100		910	910
Naphthalene		910	U	910	910
Phenanthrene		5800		910	910
Pyrene		3900		910	910
Acenaphthylene		910	U	910	910
Acenaphthene		910	U	910	910
Fluorene		910	U	910	910
Fluoranthene		4900		910	910
Benzo[b]fluoranthene		2200		91	91
Benzo[k]fluoranthene		940		91	91
Benzo[g,h,i]perylene		1700		910	910
Indeno[1,2,3-cd]pyrene		1700		91	91
Dibenz(a,h)anthracene		370		91	91
2-Methylnaphthalene		910	U	910	910
Aniline		910	U	910	910
Bis(2-chloroethyl)ether		91	U	91	91
Bis(2-ethylhexyl) phthalate		910	U	910	910
4-Bromophenyl phenyl ether		910	U	910	910
Butyl benzyl phthalate		910	U	910	910
Carbazole		910	U	910	910
4-Chloroaniline		910	U	910	910
2-Chloronaphthalene		910	U	910	910
2-Chlorophenol		910	U	910	910
4-Chlorophenyl phenyl ether		910	U	910	910
Dibenzofuran		910	U	910	910
3,3'-Dichlorobenzidine		370	U	370	370
2,4-Dichlorophenol		370	U	370	370
Diethyl phthalate		910	U	910	910
2,4-Dimethylphenol		910	U	910	910
Dimethyl phthalate		910	U	910	910
Di-n-butyl phthalate		910	U	910	910
2,4-Dinitrophenol		740	U	740	740
2,4-Dinitrotoluene		190	U	190	190
2,6-Dinitrotoluene		190	U	190	190
Di-n-octyl phthalate		910	U	910	910
Hexachlorobenzene		91	U	91	91
Hexachlorobutadiene		190	U	190	190
Hexachlorocyclopentadiene		910	U	910	910
Hexachloroethane		91	U	91	91
Isophorone		370	U	370	370
2-Methylphenol		910	U	910	910
4-Methylphenol		910	U	910	910
2-Nitroaniline		910	U	910	910

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-77(5-6)**

Lab Sample ID: 460-86076-6 Date Sampled: 11/11/2014 0940
Client Matrix: Solid % Moisture: 27.7 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7228.D
Dilution:	2.0			Initial Weight/Volume:	15.0236 g
Analysis Date:	11/23/2014 0118			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		910	U	910	910
4-Nitroaniline		910	U	910	910
Nitrobenzene		91	U	91	91
2-Nitrophenol		910	U	910	910
N-Nitrosodiphenylamine		910	U	910	910
N-Nitrosodi-n-propylamine		91	U	91	91
Pentachlorophenol		740	U	740	740
Phenol		910	U	910	910
Pyridine		910	U	910	910
1,2,4,5-Tetrachlorobenzene		910	U	910	910
1,2,4-Trichlorobenzene		91	U	91	91
2,4,5-Trichlorophenol		910	U	910	910
2,4,6-Trichlorophenol		370	U	370	370
2,2'-oxybis[1-chloropropane]		910	U	910	910
4,6-Dinitro-2-methylphenol		740	U	740	740
4-Chloro-3-methylphenol		910	U	910	910
4-Nitrophenol		1900	U	1900	1900
Bis(2-chloroethoxy)methane		910	U	910	910

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	63		30 - 130
Phenol-d5 (Surr)	59		30 - 130
Terphenyl-d14 (Surr)	68		30 - 130
2,4,6-Tribromophenol (Surr)	54		30 - 130
2-Fluorophenol (Surr)	59		30 - 130
2-Fluorobiphenyl	71		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-77(5-6)**

Lab Sample ID: 460-86076-6 Date Sampled: 11/11/2014 0940
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87243.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2255			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-77(5-6)**

Lab Sample ID: 460-86076-6 Date Sampled: 11/11/2014 0940
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87243.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2255			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	95		30 - 130
Phenol-d5 (Surr)	29		15 - 110
Terphenyl-d14 (Surr)	105		30 - 130
2,4,6-Tribromophenol (Surr)	102		15 - 110
2-Fluorophenol (Surr)	50		15 - 110
2-Fluorobiphenyl	92		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-79(5-6)**

Lab Sample ID: 460-86076-7 Date Sampled: 11/11/2014 1020
Client Matrix: Solid % Moisture: 21.9 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7230.D
Dilution:	1.0			Initial Weight/Volume:	14.9963 g
Analysis Date:	11/23/2014 0204			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		1500		42	42
Anthracene		1100		420	420
Benzo[a]pyrene		1300		42	42
Chrysene		1600		420	420
Naphthalene		1100		420	420
Phenanthrene		6300		420	420
Pyrene		3300		420	420
Acenaphthylene		420	U	420	420
Acenaphthene		930		420	420
Fluorene		690		420	420
Fluoranthene		4400		420	420
Benzo[b]fluoranthene		1600		42	42
Benzo[k]fluoranthene		580		42	42
Benzo[g,h,i]perylene		1300		420	420
Indeno[1,2,3-cd]pyrene		1300		42	42
Dibenz(a,h)anthracene		280		42	42
2-Methylnaphthalene		420	U	420	420
Aniline		420	U	420	420
Bis(2-chloroethyl)ether		42	U	42	42
Bis(2-ethylhexyl) phthalate		420	U	420	420
4-Bromophenyl phenyl ether		420	U	420	420
Butyl benzyl phthalate		420	U	420	420
Carbazole		420	U	420	420
4-Chloroaniline		420	U	420	420
2-Chloronaphthalene		420	U	420	420
2-Chlorophenol		420	U	420	420
4-Chlorophenyl phenyl ether		420	U	420	420
Dibenzofuran		730		420	420
3,3'-Dichlorobenzidine		170	U	170	170
2,4-Dichlorophenol		170	U	170	170
Diethyl phthalate		420	U	420	420
2,4-Dimethylphenol		420	U	420	420
Dimethyl phthalate		420	U	420	420
Di-n-butyl phthalate		420	U	420	420
2,4-Dinitrophenol		340	U	340	340
2,4-Dinitrotoluene		86	U	86	86
2,6-Dinitrotoluene		86	U	86	86
Di-n-octyl phthalate		420	U	420	420
Hexachlorobenzene		42	U	42	42
Hexachlorobutadiene		86	U	86	86
Hexachlorocyclopentadiene		420	U	420	420
Hexachloroethane		42	U	42	42
Isophorone		170	U	170	170
2-Methylphenol		420	U	420	420
4-Methylphenol		420	U	420	420
2-Nitroaniline		420	U	420	420

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-79(5-6)**

Lab Sample ID: 460-86076-7 Date Sampled: 11/11/2014 1020
Client Matrix: Solid % Moisture: 21.9 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7230.D
Dilution:	1.0			Initial Weight/Volume:	14.9963 g
Analysis Date:	11/23/2014 0204			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		420	U	420	420
4-Nitroaniline		420	U	420	420
Nitrobenzene		42	U	42	42
2-Nitrophenol		420	U	420	420
N-Nitrosodiphenylamine		420	U	420	420
N-Nitrosodi-n-propylamine		42	U	42	42
Pentachlorophenol		340	U	340	340
Phenol		420	U	420	420
Pyridine		420	U	420	420
1,2,4,5-Tetrachlorobenzene		420	U	420	420
1,2,4-Trichlorobenzene		42	U	42	42
2,4,5-Trichlorophenol		420	U	420	420
2,4,6-Trichlorophenol		170	U	170	170
2,2'-oxybis[1-chloropropane]		420	U	420	420
4,6-Dinitro-2-methylphenol		340	U	340	340
4-Chloro-3-methylphenol		420	U	420	420
4-Nitrophenol		860	U	860	860
Bis(2-chloroethoxy)methane		420	U	420	420

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	68		30 - 130
Phenol-d5 (Surr)	61		30 - 130
Terphenyl-d14 (Surr)	78		30 - 130
2,4,6-Tribromophenol (Surr)	61		30 - 130
2-Fluorophenol (Surr)	62		30 - 130
2-Fluorobiphenyl	77		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-79(5-6)**

Lab Sample ID: 460-86076-7 Date Sampled: 11/11/2014 1020
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87244.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2316			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-79(5-6)**

Lab Sample ID: 460-86076-7 Date Sampled: 11/11/2014 1020
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87244.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2316			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	102		30 - 130
Phenol-d5 (Surr)	30		15 - 110
Terphenyl-d14 (Surr)	109		30 - 130
2,4,6-Tribromophenol (Surr)	101		15 - 110
2-Fluorophenol (Surr)	53		15 - 110
2-Fluorobiphenyl	93		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-80(3-4)**

Lab Sample ID: 460-86076-8 Date Sampled: 11/11/2014 1215
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87245.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2336			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0051	B	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-80(3-4)**

Lab Sample ID: 460-86076-8 Date Sampled: 11/11/2014 1215
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87245.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2336			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	97		30 - 130
Phenol-d5 (Surr)	33		15 - 110
Terphenyl-d14 (Surr)	102		30 - 130
2,4,6-Tribromophenol (Surr)	87		15 - 110
2-Fluorophenol (Surr)	52		15 - 110
2-Fluorobiphenyl	92		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-80(4-5)**

Lab Sample ID: 460-86076-9 Date Sampled: 11/11/2014 1225
Client Matrix: Solid % Moisture: 24.6 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7223.D
Dilution:	1.0			Initial Weight/Volume:	15.0283 g
Analysis Date:	11/22/2014 2323			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		44	U	44	44
Anthracene		440	U	440	440
Benzo[a]pyrene		44	U	44	44
Chrysene		440	U	440	440
Naphthalene		440	U	440	440
Phenanthrene		440	U	440	440
Pyrene		440	U	440	440
Acenaphthylene		440	U	440	440
Acenaphthene		440	U	440	440
Fluorene		440	U	440	440
Fluoranthene		440	U	440	440
Benzo[b]fluoranthene		44	U	44	44
Benzo[k]fluoranthene		44	U	44	44
Benzo[g,h,i]perylene		440	U	440	440
Indeno[1,2,3-cd]pyrene		44	U	44	44
Dibenz(a,h)anthracene		44	U	44	44
2-Methylnaphthalene		440	U	440	440
Aniline		440	U	440	440
Bis(2-chloroethyl)ether		44	U	44	44
Bis(2-ethylhexyl) phthalate		440	U	440	440
4-Bromophenyl phenyl ether		440	U	440	440
Butyl benzyl phthalate		440	U	440	440
Carbazole		440	U	440	440
4-Chloroaniline		440	U	440	440
2-Chloronaphthalene		440	U	440	440
2-Chlorophenol		440	U	440	440
4-Chlorophenyl phenyl ether		440	U	440	440
Dibenzofuran		440	U	440	440
3,3'-Dichlorobenzidine		180	U	180	180
2,4-Dichlorophenol		180	U	180	180
Diethyl phthalate		440	U	440	440
2,4-Dimethylphenol		440	U	440	440
Dimethyl phthalate		440	U	440	440
Di-n-butyl phthalate		440	U	440	440
2,4-Dinitrophenol		350	U	350	350
2,4-Dinitrotoluene		89	U	89	89
2,6-Dinitrotoluene		89	U	89	89
Di-n-octyl phthalate		440	U	440	440
Hexachlorobenzene		44	U	44	44
Hexachlorobutadiene		89	U	89	89
Hexachlorocyclopentadiene		440	U	440	440
Hexachloroethane		44	U	44	44
Isophorone		180	U	180	180
2-Methylphenol		440	U	440	440
4-Methylphenol		440	U	440	440
2-Nitroaniline		440	U	440	440

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-80(4-5)**

Lab Sample ID: 460-86076-9 Date Sampled: 11/11/2014 1225
Client Matrix: Solid % Moisture: 24.6 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7223.D
Dilution:	1.0			Initial Weight/Volume:	15.0283 g
Analysis Date:	11/22/2014 2323			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		440	U	440	440
4-Nitroaniline		440	U	440	440
Nitrobenzene		44	U	44	44
2-Nitrophenol		440	U	440	440
N-Nitrosodiphenylamine		440	U	440	440
N-Nitrosodi-n-propylamine		44	U	44	44
Pentachlorophenol		350	U	350	350
Phenol		440	U	440	440
Pyridine		440	U	440	440
1,2,4,5-Tetrachlorobenzene		440	U	440	440
1,2,4-Trichlorobenzene		44	U	44	44
2,4,5-Trichlorophenol		440	U	440	440
2,4,6-Trichlorophenol		180	U	180	180
2,2'-oxybis[1-chloropropane]		440	U	440	440
4,6-Dinitro-2-methylphenol		350	U	350	350
4-Chloro-3-methylphenol		440	U	440	440
4-Nitrophenol		890	U	890	890
Bis(2-chloroethoxy)methane		440	U	440	440

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	56		30 - 130
Phenol-d5 (Surr)	53		30 - 130
Terphenyl-d14 (Surr)	69		30 - 130
2,4,6-Tribromophenol (Surr)	53		30 - 130
2-Fluorophenol (Surr)	53		30 - 130
2-Fluorobiphenyl	60		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-81(1-2)**

Lab Sample ID: 460-86076-10 Date Sampled: 11/11/2014 1300
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87246.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2357			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0051	B	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-81(1-2)**

Lab Sample ID: 460-86076-10 Date Sampled: 11/11/2014 1300
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87246.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 2357			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	93		30 - 130
Phenol-d5 (Surr)	25		15 - 110
Terphenyl-d14 (Surr)	104		30 - 130
2,4,6-Tribromophenol (Surr)	86		15 - 110
2-Fluorophenol (Surr)	43		15 - 110
2-Fluorobiphenyl	87		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-81(4-5)**

Lab Sample ID: 460-86076-11 Date Sampled: 11/11/2014 1315
Client Matrix: Solid % Moisture: 7.3 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7221.D
Dilution:	1.0			Initial Weight/Volume:	14.9850 g
Analysis Date:	11/22/2014 2237			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		36	U	36	36
Anthracene		360	U	360	360
Benzo[a]pyrene		36	U	36	36
Chrysene		360	U	360	360
Naphthalene		360	U	360	360
Phenanthrene		360	U	360	360
Pyrene		360	U	360	360
Acenaphthylene		360	U	360	360
Acenaphthene		360	U	360	360
Fluorene		360	U	360	360
Fluoranthene		360	U	360	360
Benzo[b]fluoranthene		36	U	36	36
Benzo[k]fluoranthene		36	U	36	36
Benzo[g,h,i]perylene		360	U	360	360
Indeno[1,2,3-cd]pyrene		36	U	36	36
Dibenz(a,h)anthracene		36	U	36	36
2-Methylnaphthalene		360	U	360	360
Aniline		360	U	360	360
Bis(2-chloroethyl)ether		36	U	36	36
Bis(2-ethylhexyl) phthalate		360	U	360	360
4-Bromophenyl phenyl ether		360	U	360	360
Butyl benzyl phthalate		360	U	360	360
Carbazole		360	U	360	360
4-Chloroaniline		360	U	360	360
2-Chloronaphthalene		360	U	360	360
2-Chlorophenol		360	U	360	360
4-Chlorophenyl phenyl ether		360	U	360	360
Dibenzofuran		360	U	360	360
3,3'-Dichlorobenzidine		140	U	140	140
2,4-Dichlorophenol		140	U	140	140
Diethyl phthalate		360	U	360	360
2,4-Dimethylphenol		360	U	360	360
Dimethyl phthalate		360	U	360	360
Di-n-butyl phthalate		360	U	360	360
2,4-Dinitrophenol		290	U	290	290
2,4-Dinitrotoluene		72	U	72	72
2,6-Dinitrotoluene		72	U	72	72
Di-n-octyl phthalate		360	U	360	360
Hexachlorobenzene		36	U	36	36
Hexachlorobutadiene		72	U	72	72
Hexachlorocyclopentadiene		360	U	360	360
Hexachloroethane		36	U	36	36
Isophorone		140	U	140	140
2-Methylphenol		360	U	360	360
4-Methylphenol		360	U	360	360
2-Nitroaniline		360	U	360	360

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-81(4-5)**

Lab Sample ID: 460-86076-11 Date Sampled: 11/11/2014 1315
Client Matrix: Solid % Moisture: 7.3 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7221.D
Dilution:	1.0			Initial Weight/Volume:	14.9850 g
Analysis Date:	11/22/2014 2237			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		360	U	360	360
4-Nitroaniline		360	U	360	360
Nitrobenzene		36	U	36	36
2-Nitrophenol		360	U	360	360
N-Nitrosodiphenylamine		360	U	360	360
N-Nitrosodi-n-propylamine		36	U	36	36
Pentachlorophenol		290	U	290	290
Phenol		360	U	360	360
Pyridine		360	U	360	360
1,2,4,5-Tetrachlorobenzene		360	U	360	360
1,2,4-Trichlorobenzene		36	U	36	36
2,4,5-Trichlorophenol		360	U	360	360
2,4,6-Trichlorophenol		140	U	140	140
2,2'-oxybis[1-chloropropane]		360	U	360	360
4,6-Dinitro-2-methylphenol		290	U	290	290
4-Chloro-3-methylphenol		360	U	360	360
4-Nitrophenol		720	U	720	720
Bis(2-chloroethoxy)methane		360	U	360	360

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	67		30 - 130
Phenol-d5 (Surr)	70		30 - 130
Terphenyl-d14 (Surr)	89		30 - 130
2,4,6-Tribromophenol (Surr)	70		30 - 130
2-Fluorophenol (Surr)	66		30 - 130
2-Fluorobiphenyl	69		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(5-6)**

Lab Sample ID: 460-86076-12 Date Sampled: 11/11/2014 1400
Client Matrix: Solid % Moisture: 10.7 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7224.D
Dilution:	1.0			Initial Weight/Volume:	14.9693 g
Analysis Date:	11/22/2014 2346			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		37	U	37	37
Anthracene		370	U	370	370
Benzo[a]pyrene		37	U	37	37
Chrysene		370	U	370	370
Naphthalene		370	U	370	370
Phenanthrene		370	U	370	370
Pyrene		370	U	370	370
Acenaphthylene		370	U	370	370
Acenaphthene		370	U	370	370
Fluorene		370	U	370	370
Fluoranthene		370	U	370	370
Benzo[b]fluoranthene		37	U	37	37
Benzo[k]fluoranthene		37	U	37	37
Benzo[g,h,i]perylene		370	U	370	370
Indeno[1,2,3-cd]pyrene		37	U	37	37
Dibenz(a,h)anthracene		37	U	37	37
2-Methylnaphthalene		370	U	370	370
Aniline		370	U	370	370
Bis(2-chloroethyl)ether		37	U	37	37
Bis(2-ethylhexyl) phthalate		370	U	370	370
4-Bromophenyl phenyl ether		370	U	370	370
Butyl benzyl phthalate		370	U	370	370
Carbazole		370	U	370	370
4-Chloroaniline		370	U	370	370
2-Chloronaphthalene		370	U	370	370
2-Chlorophenol		370	U	370	370
4-Chlorophenyl phenyl ether		370	U	370	370
Dibenzofuran		370	U	370	370
3,3'-Dichlorobenzidine		150	U	150	150
2,4-Dichlorophenol		150	U	150	150
Diethyl phthalate		370	U	370	370
2,4-Dimethylphenol		370	U	370	370
Dimethyl phthalate		370	U	370	370
Di-n-butyl phthalate		370	U	370	370
2,4-Dinitrophenol		300	U	300	300
2,4-Dinitrotoluene		75	U	75	75
2,6-Dinitrotoluene		75	U	75	75
Di-n-octyl phthalate		370	U	370	370
Hexachlorobenzene		37	U	37	37
Hexachlorobutadiene		75	U	75	75
Hexachlorocyclopentadiene		370	U	370	370
Hexachloroethane		37	U	37	37
Isophorone		150	U	150	150
2-Methylphenol		370	U	370	370
4-Methylphenol		370	U	370	370
2-Nitroaniline		370	U	370	370

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(5-6)**

Lab Sample ID: 460-86076-12 Date Sampled: 11/11/2014 1400
Client Matrix: Solid % Moisture: 10.7 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7224.D
Dilution:	1.0			Initial Weight/Volume:	14.9693 g
Analysis Date:	11/22/2014 2346			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		370	U	370	370
4-Nitroaniline		370	U	370	370
Nitrobenzene		37	U	37	37
2-Nitrophenol		370	U	370	370
N-Nitrosodiphenylamine		370	U	370	370
N-Nitrosodi-n-propylamine		37	U	37	37
Pentachlorophenol		300	U	300	300
Phenol		370	U	370	370
Pyridine		370	U	370	370
1,2,4,5-Tetrachlorobenzene		370	U	370	370
1,2,4-Trichlorobenzene		37	U	37	37
2,4,5-Trichlorophenol		370	U	370	370
2,4,6-Trichlorophenol		150	U	150	150
2,2'-oxybis[1-chloropropane]		370	U	370	370
4,6-Dinitro-2-methylphenol		300	U	300	300
4-Chloro-3-methylphenol		370	U	370	370
4-Nitrophenol		750	U	750	750
Bis(2-chloroethoxy)methane		370	U	370	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	73		30 - 130
Phenol-d5 (Surr)	71		30 - 130
Terphenyl-d14 (Surr)	87		30 - 130
2,4,6-Tribromophenol (Surr)	67		30 - 130
2-Fluorophenol (Surr)	71		30 - 130
2-Fluorobiphenyl	71		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(5-6)**

Lab Sample ID: 460-86076-12 Date Sampled: 11/11/2014 1400
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87334.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 2028			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0044	B	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(5-6)**

Lab Sample ID: 460-86076-12 Date Sampled: 11/11/2014 1400
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87334.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 2028			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	94		30 - 130
Phenol-d5 (Surr)	34		15 - 110
Terphenyl-d14 (Surr)	97		30 - 130
2,4,6-Tribromophenol (Surr)	105		15 - 110
2-Fluorophenol (Surr)	49		15 - 110
2-Fluorobiphenyl	89		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(6.5-7.5)**

Lab Sample ID: 460-86076-13 Date Sampled: 11/11/2014 1345
Client Matrix: Solid % Moisture: 12.7 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7226.D
Dilution:	5.0			Initial Weight/Volume:	15.0214 g
Analysis Date:	11/23/2014 0032			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		190	U	190	190
Anthracene		1900	U	1900	1900
Benzo[a]pyrene		190	U	190	190
Chrysene		1900	U	1900	1900
Naphthalene		1900	U	1900	1900
Phenanthrene		2000		1900	1900
Pyrene		1900	U	1900	1900
Acenaphthylene		1900	U	1900	1900
Acenaphthene		1900	U	1900	1900
Fluorene		1900	U	1900	1900
Fluoranthene		1900	U	1900	1900
Benzo[b]fluoranthene		190	U	190	190
Benzo[k]fluoranthene		190	U	190	190
Benzo[g,h,i]perylene		1900	U	1900	1900
Indeno[1,2,3-cd]pyrene		190	U	190	190
Dibenz(a,h)anthracene		190	U	190	190
2-Methylnaphthalene		1900	U	1900	1900
Aniline		1900	U	1900	1900
Bis(2-chloroethyl)ether		190	U	190	190
Bis(2-ethylhexyl) phthalate		1900	U	1900	1900
4-Bromophenyl phenyl ether		1900	U	1900	1900
Butyl benzyl phthalate		1900	U	1900	1900
Carbazole		1900	U	1900	1900
4-Chloroaniline		1900	U	1900	1900
2-Chloronaphthalene		1900	U	1900	1900
2-Chlorophenol		1900	U	1900	1900
4-Chlorophenyl phenyl ether		1900	U	1900	1900
Dibenzofuran		1900	U	1900	1900
3,3'-Dichlorobenzidine		760	U	760	760
2,4-Dichlorophenol		760	U	760	760
Diethyl phthalate		1900	U	1900	1900
2,4-Dimethylphenol		1900	U	1900	1900
Dimethyl phthalate		1900	U	1900	1900
Di-n-butyl phthalate		1900	U	1900	1900
2,4-Dinitrophenol		1500	U	1500	1500
2,4-Dinitrotoluene		380	U	380	380
2,6-Dinitrotoluene		380	U	380	380
Di-n-octyl phthalate		1900	U	1900	1900
Hexachlorobenzene		190	U	190	190
Hexachlorobutadiene		380	U	380	380
Hexachlorocyclopentadiene		1900	U	1900	1900
Hexachloroethane		190	U	190	190
Isophorone		760	U	760	760
2-Methylphenol		1900	U	1900	1900
4-Methylphenol		1900	U	1900	1900
2-Nitroaniline		1900	U	1900	1900

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(6.5-7.5)**

Lab Sample ID: 460-86076-13 Date Sampled: 11/11/2014 1345
Client Matrix: Solid % Moisture: 12.7 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7226.D
Dilution:	5.0			Initial Weight/Volume:	15.0214 g
Analysis Date:	11/23/2014 0032			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		1900	U	1900	1900
4-Nitroaniline		1900	U	1900	1900
Nitrobenzene		190	U	190	190
2-Nitrophenol		1900	U	1900	1900
N-Nitrosodiphenylamine		1900	U	1900	1900
N-Nitrosodi-n-propylamine		190	U	190	190
Pentachlorophenol		1500	U	1500	1500
Phenol		1900	U	1900	1900
Pyridine		1900	U	1900	1900
1,2,4,5-Tetrachlorobenzene		1900	U	1900	1900
1,2,4-Trichlorobenzene		190	U	190	190
2,4,5-Trichlorophenol		1900	U	1900	1900
2,4,6-Trichlorophenol		760	U	760	760
2,2'-oxybis[1-chloropropane]		1900	U	1900	1900
4,6-Dinitro-2-methylphenol		1500	U	1500	1500
4-Chloro-3-methylphenol		1900	U	1900	1900
4-Nitrophenol		3800	U	3800	3800
Bis(2-chloroethoxy)methane		1900	U	1900	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	75		30 - 130
Phenol-d5 (Surr)	69		30 - 130
Terphenyl-d14 (Surr)	80		30 - 130
2,4,6-Tribromophenol (Surr)	58		30 - 130
2-Fluorophenol (Surr)	72		30 - 130
2-Fluorobiphenyl	87		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(6.5-7.5)**

Lab Sample ID: 460-86076-13 Date Sampled: 11/11/2014 1345
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87335.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 2049			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0040	B	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(6.5-7.5)**

Lab Sample ID: 460-86076-13 Date Sampled: 11/11/2014 1345
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87335.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 2049			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	100		30 - 130
Phenol-d5 (Surr)	36		15 - 110
Terphenyl-d14 (Surr)	112		30 - 130
2,4,6-Tribromophenol (Surr)	106		15 - 110
2-Fluorophenol (Surr)	48		15 - 110
2-Fluorobiphenyl	92		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-83(5-6)**

Lab Sample ID: 460-86076-14 Date Sampled: 11/11/2014 1435
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7222.D
Dilution:	1.0			Initial Weight/Volume:	15.0003 g
Analysis Date:	11/22/2014 2300			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		46		39	39
Anthracene		390	U	390	390
Benzo[a]pyrene		39		39	39
Chrysene		390	U	390	390
Naphthalene		390	U	390	390
Phenanthrene		390	U	390	390
Pyrene		390	U	390	390
Acenaphthylene		390	U	390	390
Acenaphthene		390	U	390	390
Fluorene		390	U	390	390
Fluoranthene		390	U	390	390
Benzo[b]fluoranthene		52		39	39
Benzo[k]fluoranthene		39	U	39	39
Benzo[g,h,i]perylene		390	U	390	390
Indeno[1,2,3-cd]pyrene		39	U	39	39
Dibenz(a,h)anthracene		39	U	39	39
2-Methylnaphthalene		390	U	390	390
Aniline		390	U	390	390
Bis(2-chloroethyl)ether		39	U	39	39
Bis(2-ethylhexyl) phthalate		390	U	390	390
4-Bromophenyl phenyl ether		390	U	390	390
Butyl benzyl phthalate		390	U	390	390
Carbazole		390	U	390	390
4-Chloroaniline		390	U	390	390
2-Chloronaphthalene		390	U	390	390
2-Chlorophenol		390	U	390	390
4-Chlorophenyl phenyl ether		390	U	390	390
Dibenzofuran		390	U	390	390
3,3'-Dichlorobenzidine		160	U	160	160
2,4-Dichlorophenol		160	U	160	160
Diethyl phthalate		390	U	390	390
2,4-Dimethylphenol		390	U	390	390
Dimethyl phthalate		390	U	390	390
Di-n-butyl phthalate		390	U	390	390
2,4-Dinitrophenol		310	U	310	310
2,4-Dinitrotoluene		79	U	79	79
2,6-Dinitrotoluene		79	U	79	79
Di-n-octyl phthalate		390	U	390	390
Hexachlorobenzene		39	U	39	39
Hexachlorobutadiene		79	U	79	79
Hexachlorocyclopentadiene		390	U	390	390
Hexachloroethane		39	U	39	39
Isophorone		160	U	160	160
2-Methylphenol		390	U	390	390
4-Methylphenol		390	U	390	390
2-Nitroaniline		390	U	390	390

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-83(5-6)**

Lab Sample ID: 460-86076-14 Date Sampled: 11/11/2014 1435
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7222.D
Dilution:	1.0			Initial Weight/Volume:	15.0003 g
Analysis Date:	11/22/2014 2300			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		390	U	390	390
4-Nitroaniline		390	U	390	390
Nitrobenzene		39	U	39	39
2-Nitrophenol		390	U	390	390
N-Nitrosodiphenylamine		390	U	390	390
N-Nitrosodi-n-propylamine		39	U	39	39
Pentachlorophenol		310	U	310	310
Phenol		390	U	390	390
Pyridine		390	U	390	390
1,2,4,5-Tetrachlorobenzene		390	U	390	390
1,2,4-Trichlorobenzene		39	U	39	39
2,4,5-Trichlorophenol		390	U	390	390
2,4,6-Trichlorophenol		160	U	160	160
2,2'-oxybis[1-chloropropane]		390	U	390	390
4,6-Dinitro-2-methylphenol		310	U	310	310
4-Chloro-3-methylphenol		390	U	390	390
4-Nitrophenol		790	U	790	790
Bis(2-chloroethoxy)methane		390	U	390	390

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	68		30 - 130
Phenol-d5 (Surr)	66		30 - 130
Terphenyl-d14 (Surr)	82		30 - 130
2,4,6-Tribromophenol (Surr)	63		30 - 130
2-Fluorophenol (Surr)	64		30 - 130
2-Fluorobiphenyl	66		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-83(5-6)**

Lab Sample ID: 460-86076-14 Date Sampled: 11/11/2014 1435
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87336.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 2109			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0066	B	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-83(5-6)**

Lab Sample ID: 460-86076-14 Date Sampled: 11/11/2014 1435
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87336.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 2109			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	93		30 - 130
Phenol-d5 (Surr)	36		15 - 110
Terphenyl-d14 (Surr)	110		30 - 130
2,4,6-Tribromophenol (Surr)	97		15 - 110
2-Fluorophenol (Surr)	52		15 - 110
2-Fluorobiphenyl	86		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-84(5.5-6.5)**

Lab Sample ID: 460-86076-15 Date Sampled: 11/11/2014 1500
Client Matrix: Solid % Moisture: 12.6 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7218.D
Dilution:	1.0			Initial Weight/Volume:	14.9785 g
Analysis Date:	11/22/2014 2128			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		38	U	38	38
Anthracene		380	U	380	380
Benzo[a]pyrene		38	U	38	38
Chrysene		380	U	380	380
Naphthalene		380	U	380	380
Phenanthrene		380	U	380	380
Pyrene		380	U	380	380
Acenaphthylene		380	U	380	380
Acenaphthene		380	U	380	380
Fluorene		380	U	380	380
Fluoranthene		380	U	380	380
Benzo[b]fluoranthene		38	U	38	38
Benzo[k]fluoranthene		38	U	38	38
Benzo[g,h,i]perylene		380	U	380	380
Indeno[1,2,3-cd]pyrene		38	U	38	38
Dibenz(a,h)anthracene		38	U	38	38
2-Methylnaphthalene		380	U	380	380
Aniline		380	U	380	380
Bis(2-chloroethyl)ether		38	U	38	38
Bis(2-ethylhexyl) phthalate		380	U	380	380
4-Bromophenyl phenyl ether		380	U	380	380
Butyl benzyl phthalate		380	U	380	380
Carbazole		380	U	380	380
4-Chloroaniline		380	U	380	380
2-Chloronaphthalene		380	U	380	380
2-Chlorophenol		380	U	380	380
4-Chlorophenyl phenyl ether		380	U	380	380
Dibenzofuran		380	U	380	380
3,3'-Dichlorobenzidine		150	U	150	150
2,4-Dichlorophenol		150	U	150	150
Diethyl phthalate		380	U	380	380
2,4-Dimethylphenol		380	U	380	380
Dimethyl phthalate		380	U	380	380
Di-n-butyl phthalate		380	U	380	380
2,4-Dinitrophenol		300	U	300	300
2,4-Dinitrotoluene		77	U	77	77
2,6-Dinitrotoluene		77	U	77	77
Di-n-octyl phthalate		380	U	380	380
Hexachlorobenzene		38	U	38	38
Hexachlorobutadiene		77	U	77	77
Hexachlorocyclopentadiene		380	U	380	380
Hexachloroethane		38	U	38	38
Isophorone		150	U	150	150
2-Methylphenol		380	U	380	380
4-Methylphenol		380	U	380	380
2-Nitroaniline		380	U	380	380

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-84(5.5-6.5)**

Lab Sample ID: 460-86076-15 Date Sampled: 11/11/2014 1500
Client Matrix: Solid % Moisture: 12.6 Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-262452	Lab File ID:	x7218.D
Dilution:	1.0			Initial Weight/Volume:	14.9785 g
Analysis Date:	11/22/2014 2128			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		380	U	380	380
4-Nitroaniline		380	U	380	380
Nitrobenzene		38	U	38	38
2-Nitrophenol		380	U	380	380
N-Nitrosodiphenylamine		380	U	380	380
N-Nitrosodi-n-propylamine		38	U	38	38
Pentachlorophenol		300	U	300	300
Phenol		380	U	380	380
Pyridine		380	U	380	380
1,2,4,5-Tetrachlorobenzene		380	U	380	380
1,2,4-Trichlorobenzene		38	U	38	38
2,4,5-Trichlorophenol		380	U	380	380
2,4,6-Trichlorophenol		150	U	150	150
2,2'-oxybis[1-chloropropane]		380	U	380	380
4,6-Dinitro-2-methylphenol		300	U	300	300
4-Chloro-3-methylphenol		380	U	380	380
4-Nitrophenol		770	U	770	770
Bis(2-chloroethoxy)methane		380	U	380	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	76		30 - 130
Phenol-d5 (Surr)	74		30 - 130
Terphenyl-d14 (Surr)	91		30 - 130
2,4,6-Tribromophenol (Surr)	72		30 - 130
2-Fluorophenol (Surr)	72		30 - 130
2-Fluorobiphenyl	71		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-84(5.5-6.5)**

Lab Sample ID: 460-86076-15 Date Sampled: 11/11/2014 1500
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87337.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 2130			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0031	B	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-84(5.5-6.5)**

Lab Sample ID: 460-86076-15 Date Sampled: 11/11/2014 1500
Client Matrix: Solid Date Received: 11/12/2014 0915

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-262958	Lab File ID:	M87337.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 2130			Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	105		30 - 130
Phenol-d5 (Surr)	38		15 - 110
Terphenyl-d14 (Surr)	101		30 - 130
2,4,6-Tribromophenol (Surr)	103		15 - 110
2-Fluorophenol (Surr)	56		15 - 110
2-Fluorobiphenyl	91		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-74(2-3)**

Lab Sample ID: 460-86076-2 Date Sampled: 11/10/2014 1330
Client Matrix: Solid % Moisture: 12.0 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010925.D
Dilution:	10			Initial Weight/Volume:	15.0312 g
Analysis Date:	11/18/2014 1220			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		670		12	57

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	104		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-75(5-6)**

Lab Sample ID: 460-86076-3 Date Sampled: 11/10/2014 1430
Client Matrix: Solid % Moisture: 15.9 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010926.D
Dilution:	10			Initial Weight/Volume:	15.0212 g
Analysis Date:	11/18/2014 1232			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		1200		13	59

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	89		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-76(5-6)**

Lab Sample ID: 460-86076-4 Date Sampled: 11/11/2014 0830
Client Matrix: Solid % Moisture: 24.7 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010818.D
Dilution:	1.0			Initial Weight/Volume:	15.0474 g
Analysis Date:	11/15/2014 1729			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		340		1.5	6.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	98		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-73(3-4)**

Lab Sample ID: 460-86076-5 Date Sampled: 11/11/2014 0910
Client Matrix: Solid % Moisture: 20.7 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010819.D
Dilution:	1.0			Initial Weight/Volume:	15.0332 g
Analysis Date:	11/15/2014 1742			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		330		1.4	6.3

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	77		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-77(5-6)**

Lab Sample ID: 460-86076-6 Date Sampled: 11/11/2014 0940
Client Matrix: Solid % Moisture: 27.7 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010927.D
Dilution:	10			Initial Weight/Volume:	15.0261 g
Analysis Date:	11/18/2014 1245			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		2100		15	69

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	100		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-79(5-6)**

Lab Sample ID: 460-86076-7 Date Sampled: 11/11/2014 1020
Client Matrix: Solid % Moisture: 21.9 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010821.D
Dilution:	1.0			Initial Weight/Volume:	15.0477 g
Analysis Date:	11/15/2014 1807			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		260		1.4	6.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	100		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-80(4-5)**

Lab Sample ID: 460-86076-9 Date Sampled: 11/11/2014 1225
Client Matrix: Solid % Moisture: 24.6 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010822.D
Dilution:	1.0			Initial Weight/Volume:	15.0231 g
Analysis Date:	11/15/2014 1819			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		39		1.5	6.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-81(4-5)**

Lab Sample ID: 460-86076-11 Date Sampled: 11/11/2014 1315
Client Matrix: Solid % Moisture: 7.3 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010815.D
Dilution:	1.0			Initial Weight/Volume:	15.0412 g
Analysis Date:	11/15/2014 1652			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		1.2	U	1.2	5.4

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	90		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(5-6)**

Lab Sample ID: 460-86076-12 Date Sampled: 11/11/2014 1400
Client Matrix: Solid % Moisture: 10.7 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010823.D
Dilution:	1.0			Initial Weight/Volume:	15.0021 g
Analysis Date:	11/15/2014 1832			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		55		1.2	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	78		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-82(6.5-7.5)**

Lab Sample ID: 460-86076-13 Date Sampled: 11/11/2014 1345
Client Matrix: Solid % Moisture: 12.7 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010928.D
Dilution:	100			Initial Weight/Volume:	15.0371 g
Analysis Date:	11/18/2014 1257			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		13000		130	570

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	113		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-83(5-6)**

Lab Sample ID: 460-86076-14 Date Sampled: 11/11/2014 1435
Client Matrix: Solid % Moisture: 15.0 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010825.D
Dilution:	1.0			Initial Weight/Volume:	15.0221 g
Analysis Date:	11/15/2014 1857			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		92		1.3	5.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	88		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client Sample ID: **SB-84(5.5-6.5)**

Lab Sample ID: 460-86076-15 Date Sampled: 11/11/2014 1500
Client Matrix: Solid % Moisture: 12.6 Date Received: 11/12/2014 0915

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262486	Lab File ID:	2F010826.D
Dilution:	1.0			Initial Weight/Volume:	15.0312 g
Analysis Date:	11/15/2014 1910			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		1.3	U	1.3	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	94		50 - 150

General Chemistry

Client Sample ID: **SB-74(2-3)**

Lab Sample ID: 460-86076-2 Date Sampled: 11/10/2014 1330

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N
Percent Solids	88.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-75(5-6)**

Lab Sample ID: 460-86076-3 Date Sampled: 11/10/2014 1430

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N
Percent Solids	84.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N

Client: Weston Solutions, Inc. Job Number: 460-86076-1

General Chemistry

Client Sample ID: **SB-76(5-6)**

Lab Sample ID: 460-86076-4 Date Sampled: 11/11/2014 0830
Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N
Percent Solids	75.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-73(3-4)**

Lab Sample ID: 460-86076-5 Date Sampled: 11/11/2014 0910

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	20.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N
Percent Solids	79.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-77(5-6)**

Lab Sample ID: 460-86076-6 Date Sampled: 11/11/2014 0940

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	27.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N
Percent Solids	72.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-79(5-6)**

Lab Sample ID: 460-86076-7 Date Sampled: 11/11/2014 1020

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	21.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N
Percent Solids	78.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-80(3-4)**

Lab Sample ID: 460-86076-8 Date Sampled: 11/11/2014 1215

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	22.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119					DryWt Corrected: N
Percent Solids	77.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119					DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-80(4-5)**

Lab Sample ID: 460-86076-9 Date Sampled: 11/11/2014 1225

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119					DryWt Corrected: N
Percent Solids	75.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119					DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-81(1-2)**

Lab Sample ID: 460-86076-10 Date Sampled: 11/11/2014 1300

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N
Percent Solids	91.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-81(4-5)**

Lab Sample ID: 460-86076-11 Date Sampled: 11/11/2014 1315

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N
Percent Solids	92.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-82(5-6)**

Lab Sample ID: 460-86076-12 Date Sampled: 11/11/2014 1400

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N
Percent Solids	89.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-82(6.5-7.5)**

Lab Sample ID: 460-86076-13 Date Sampled: 11/11/2014 1345

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119					DryWt Corrected: N
Percent Solids	87.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119					DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-83(5-6)**

Lab Sample ID: 460-86076-14 Date Sampled: 11/11/2014 1435

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	15.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N
Percent Solids	85.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-84(5.5-6.5)**

Lab Sample ID: 460-86076-15 Date Sampled: 11/11/2014 1500

Client Matrix: Solid Date Received: 11/12/2014 0915

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119					DryWt Corrected: N
Percent Solids	87.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-262730	Analysis Date: 11/14/2014 1119					DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	*	ISTD response or retention time outside acceptable limits
	F1	MS and/or MSD Recovery exceeds the control limits
	4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
	F2	MS/MSD RPD exceeds control limits
	*	Recovery or RPD exceeds control limits
	H	Sample was prepped or analyzed beyond the specified holding time
	X	Surrogate is outside control limits
GC/MS Semi VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	F2	MS/MSD RPD exceeds control limits
	X	Surrogate is outside control limits
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	X	Surrogate is outside control limits

QUALITY CONTROL RESULTS

Client: Weston Solutions, Inc. Job Number: 460-86076-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-262268					
460-86076-4	SB-76(5-6)	T	Solid	5035	
460-86076-4MS	Matrix Spike	T	Solid	5035	
460-86076-4MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-262269					
460-86076-2	SB-74(2-3)	T	Solid	5035	
460-86076-3	SB-75(5-6)	T	Solid	5035	
460-86076-5	SB-73(3-4)	T	Solid	5035	
460-86076-6	SB-77(5-6)	T	Solid	5035	
460-86076-7	SB-79(5-6)	T	Solid	5035	
460-86076-9	SB-80(4-5)	T	Solid	5035	
460-86076-11	SB-81(4-5)	T	Solid	5035	
460-86076-12	SB-82(5-6)	T	Solid	5035	
460-86076-13	SB-82(6.5-7.5)	T	Solid	5035	
460-86076-14	SB-83(5-6)	T	Solid	5035	
460-86076-15	SB-84(5.5-6.5)	T	Solid	5035	
Prep Batch: 460-262470					
LB 460-262470/1-A	TCLP SPLPE Leachate Blank	F	Solid	1312	
460-86076-13	SB-82(6.5-7.5)	F	Solid	1312	
Analysis Batch:460-263208					
LB 460-262470/1-A	TCLP SPLPE Leachate Blank	F	Solid	8260	
LCS 460-263208/3	Lab Control Sample	T	Water	8260	
LCSD 460-263208/4	Lab Control Sample Duplicate	T	Water	8260	
MB 460-263208/6	Method Blank	T	Water	8260	
460-86076-1TB	TB-111014	T	Water	8260	
460-86076-13	SB-82(6.5-7.5)	F	Solid	8260	
Analysis Batch:460-264604					
LCS 460-264604/3	Lab Control Sample	T	Solid	8260	
LCSD 460-264604/4	Lab Control Sample Duplicate	T	Solid	8260	
MB 460-264604/6	Method Blank	T	Solid	8260	
460-86076-2	SB-74(2-3)	T	Solid	8260	460-262269
460-86076-6	SB-77(5-6)	T	Solid	8260	460-262269
460-86076-7	SB-79(5-6)	T	Solid	8260	460-262269
460-86076-9	SB-80(4-5)	T	Solid	8260	460-262269
460-86076-11	SB-81(4-5)	T	Solid	8260	460-262269
460-86076-12	SB-82(5-6)	T	Solid	8260	460-262269
460-86076-14	SB-83(5-6)	T	Solid	8260	460-262269
460-86076-15	SB-84(5.5-6.5)	T	Solid	8260	460-262269

Client: Weston Solutions, Inc. Job Number: 460-86076-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-264812					
LCS 460-264812/4	Lab Control Sample	T	Solid	8260	
LCSD 460-264812/5	Lab Control Sample Duplicate	T	Solid	8260	
MB 460-264812/7	Method Blank	T	Solid	8260	
460-86076-3	SB-75(5-6)	T	Solid	8260	460-262269
460-86076-13	SB-82(6.5-7.5)	T	Solid	8260	460-262269
Analysis Batch:460-264870					
LCS 460-264870/5	Lab Control Sample	T	Solid	8260	
MB 460-264870/7	Method Blank	T	Solid	8260	
460-86076-4	SB-76(5-6)	T	Solid	8260	460-262268
460-86076-4MS	Matrix Spike	T	Solid	8260	460-262268
460-86076-4MSD	Matrix Spike Duplicate	T	Solid	8260	460-262268
Analysis Batch:460-264982					
LCS 460-264982/3	Lab Control Sample	T	Solid	8260	
LCSD 460-264982/4	Lab Control Sample Duplicate	T	Solid	8260	
MB 460-264982/6	Method Blank	T	Solid	8260	
460-86076-5	SB-73(3-4)	T	Solid	8260	460-262269

Report Basis
F = SPLP
T = Total

Client: Weston Solutions, Inc. Job Number: 460-86076-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-262452					
LCS 460-262452/2-A	Lab Control Sample	T	Solid	3546	
MB 460-262452/1-A	Method Blank	T	Solid	3546	
460-86076-2	SB-74(2-3)	T	Solid	3546	
460-86076-3	SB-75(5-6)	T	Solid	3546	
460-86076-4	SB-76(5-6)	T	Solid	3546	
460-86076-5	SB-73(3-4)	T	Solid	3546	
460-86076-6	SB-77(5-6)	T	Solid	3546	
460-86076-7	SB-79(5-6)	T	Solid	3546	
460-86076-9	SB-80(4-5)	T	Solid	3546	
460-86076-11	SB-81(4-5)	T	Solid	3546	
460-86076-12	SB-82(5-6)	T	Solid	3546	
460-86076-13	SB-82(6.5-7.5)	T	Solid	3546	
460-86076-14	SB-83(5-6)	T	Solid	3546	
460-86076-15	SB-84(5.5-6.5)	T	Solid	3546	
460-86076-15MS	Matrix Spike	T	Solid	3546	
460-86076-15MSD	Matrix Spike Duplicate	T	Solid	3546	
Prep Batch: 460-262562					
LB 460-262562/1-B	TCLP SPLPE Leachate Blank	E	Solid	1312	
460-86076-2	SB-74(2-3)	E	Solid	1312	
460-86076-3	SB-75(5-6)	E	Solid	1312	
460-86076-4	SB-76(5-6)	E	Solid	1312	
460-86076-5	SB-73(3-4)	E	Solid	1312	
460-86076-6	SB-77(5-6)	E	Solid	1312	
460-86076-7	SB-79(5-6)	E	Solid	1312	
460-86076-8	SB-80(3-4)	E	Solid	1312	
460-86076-10	SB-81(1-2)	E	Solid	1312	
460-86076-12	SB-82(5-6)	E	Solid	1312	
460-86076-13	SB-82(6.5-7.5)	E	Solid	1312	
460-86076-14	SB-83(5-6)	E	Solid	1312	
460-86076-15	SB-84(5.5-6.5)	E	Solid	1312	

Client: Weston Solutions, Inc. Job Number: 460-86076-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-262958					
LCS 460-262958/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-262958/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-262958/1-A	Method Blank	T	Water	3510C	
LB 460-262562/1-B	TCLP SPLPE Leachate Blank	E	Solid	3510C	460-262562
460-86076-2	SB-74(2-3)	E	Solid	3510C	460-262562
460-86076-3	SB-75(5-6)	E	Solid	3510C	460-262562
460-86076-4	SB-76(5-6)	E	Solid	3510C	460-262562
460-86076-5	SB-73(3-4)	E	Solid	3510C	460-262562
460-86076-6	SB-77(5-6)	E	Solid	3510C	460-262562
460-86076-7	SB-79(5-6)	E	Solid	3510C	460-262562
460-86076-8	SB-80(3-4)	E	Solid	3510C	460-262562
460-86076-10	SB-81(1-2)	E	Solid	3510C	460-262562
460-86076-12	SB-82(5-6)	E	Solid	3510C	460-262562
460-86076-13	SB-82(6.5-7.5)	E	Solid	3510C	460-262562
460-86076-14	SB-83(5-6)	E	Solid	3510C	460-262562
460-86076-15	SB-84(5.5-6.5)	E	Solid	3510C	460-262562
Analysis Batch:460-264278					
MB 460-262958/1-A	Method Blank	T	Water	8270	460-262958
Analysis Batch:460-264643					
LCS 460-262452/2-A	Lab Control Sample	T	Solid	8270	460-262452
MB 460-262452/1-A	Method Blank	T	Solid	8270	460-262452
460-86076-2	SB-74(2-3)	T	Solid	8270	460-262452
460-86076-3	SB-75(5-6)	T	Solid	8270	460-262452
460-86076-4	SB-76(5-6)	T	Solid	8270	460-262452
460-86076-5	SB-73(3-4)	T	Solid	8270	460-262452
460-86076-6	SB-77(5-6)	T	Solid	8270	460-262452
460-86076-7	SB-79(5-6)	T	Solid	8270	460-262452
460-86076-9	SB-80(4-5)	T	Solid	8270	460-262452
460-86076-11	SB-81(4-5)	T	Solid	8270	460-262452
460-86076-12	SB-82(5-6)	T	Solid	8270	460-262452
460-86076-13	SB-82(6.5-7.5)	T	Solid	8270	460-262452
460-86076-14	SB-83(5-6)	T	Solid	8270	460-262452
460-86076-15	SB-84(5.5-6.5)	T	Solid	8270	460-262452
460-86076-15MS	Matrix Spike	T	Solid	8270	460-262452
460-86076-15MSD	Matrix Spike Duplicate	T	Solid	8270	460-262452
Analysis Batch:460-264723					
LCSD 460-262958/3-A	Lab Control Sample Duplicate	T	Water	8270	460-262958

Client: Weston Solutions, Inc. Job Number: 460-86076-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-264724					
LCS 460-262958/2-A	Lab Control Sample	T	Water	8270	460-262958
LCSD 460-262958/3-A	Lab Control Sample Duplicate	T	Water	8270	460-262958
460-86076-2	SB-74(2-3)	E	Solid	8270	460-262958
460-86076-3	SB-75(5-6)	E	Solid	8270	460-262958
460-86076-4	SB-76(5-6)	E	Solid	8270	460-262958
460-86076-5	SB-73(3-4)	E	Solid	8270	460-262958
460-86076-6	SB-77(5-6)	E	Solid	8270	460-262958
460-86076-7	SB-79(5-6)	E	Solid	8270	460-262958
460-86076-8	SB-80(3-4)	E	Solid	8270	460-262958
460-86076-10	SB-81(1-2)	E	Solid	8270	460-262958
Analysis Batch:460-265145					
LB 460-262562/1-B	TCLP SPLPE Leachate Blank	E	Solid	8270	460-262958
460-86076-12	SB-82(5-6)	E	Solid	8270	460-262958
460-86076-13	SB-82(6.5-7.5)	E	Solid	8270	460-262958
460-86076-14	SB-83(5-6)	E	Solid	8270	460-262958
460-86076-15	SB-84(5.5-6.5)	E	Solid	8270	460-262958

Report Basis

E = SPLP East

T = Total

Client: Weston Solutions, Inc. Job Number: 460-86076-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-262486					
LCS 460-262486/2-A	Lab Control Sample	T	Solid	3546	
MB 460-262486/1-A	Method Blank	T	Solid	3546	
460-86076-2	SB-74(2-3)	T	Solid	3546	
460-86076-3	SB-75(5-6)	T	Solid	3546	
460-86076-4	SB-76(5-6)	T	Solid	3546	
460-86076-5	SB-73(3-4)	T	Solid	3546	
460-86076-6	SB-77(5-6)	T	Solid	3546	
460-86076-7	SB-79(5-6)	T	Solid	3546	
460-86076-9	SB-80(4-5)	T	Solid	3546	
460-86076-11	SB-81(4-5)	T	Solid	3546	
460-86076-11MS	Matrix Spike	T	Solid	3546	
460-86076-11MSD	Matrix Spike Duplicate	T	Solid	3546	
460-86076-12	SB-82(5-6)	T	Solid	3546	
460-86076-13	SB-82(6.5-7.5)	T	Solid	3546	
460-86076-14	SB-83(5-6)	T	Solid	3546	
460-86076-15	SB-84(5.5-6.5)	T	Solid	3546	
Analysis Batch:460-262939					
LCS 460-262486/2-A	Lab Control Sample	T	Solid	CT ETPH	460-262486
MB 460-262486/1-A	Method Blank	T	Solid	CT ETPH	460-262486
460-86076-4	SB-76(5-6)	T	Solid	CT ETPH	460-262486
460-86076-5	SB-73(3-4)	T	Solid	CT ETPH	460-262486
460-86076-7	SB-79(5-6)	T	Solid	CT ETPH	460-262486
460-86076-9	SB-80(4-5)	T	Solid	CT ETPH	460-262486
460-86076-11	SB-81(4-5)	T	Solid	CT ETPH	460-262486
460-86076-11MS	Matrix Spike	T	Solid	CT ETPH	460-262486
460-86076-11MSD	Matrix Spike Duplicate	T	Solid	CT ETPH	460-262486
460-86076-12	SB-82(5-6)	T	Solid	CT ETPH	460-262486
460-86076-14	SB-83(5-6)	T	Solid	CT ETPH	460-262486
460-86076-15	SB-84(5.5-6.5)	T	Solid	CT ETPH	460-262486
Analysis Batch:460-263532					
460-86076-2	SB-74(2-3)	T	Solid	CT ETPH	460-262486
460-86076-3	SB-75(5-6)	T	Solid	CT ETPH	460-262486
460-86076-6	SB-77(5-6)	T	Solid	CT ETPH	460-262486
460-86076-13	SB-82(6.5-7.5)	T	Solid	CT ETPH	460-262486

Report Basis

T = Total

Client: Weston Solutions, Inc. Job Number: 460-86076-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-262730					
460-86076-2	SB-74(2-3)	T	Solid	Moisture	
460-86076-3	SB-75(5-6)	T	Solid	Moisture	
460-86076-4	SB-76(5-6)	T	Solid	Moisture	
460-86076-5	SB-73(3-4)	T	Solid	Moisture	
460-86076-6	SB-77(5-6)	T	Solid	Moisture	
460-86076-7	SB-79(5-6)	T	Solid	Moisture	
460-86076-8	SB-80(3-4)	T	Solid	Moisture	
460-86076-9	SB-80(4-5)	T	Solid	Moisture	
460-86076-10	SB-81(1-2)	T	Solid	Moisture	
460-86076-11	SB-81(4-5)	T	Solid	Moisture	
460-86076-12	SB-82(5-6)	T	Solid	Moisture	
460-86076-13	SB-82(6.5-7.5)	T	Solid	Moisture	
460-86076-14	SB-83(5-6)	T	Solid	Moisture	
460-86076-15	SB-84(5.5-6.5)	T	Solid	Moisture	

Report Basis
T = Total

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate Recovery Report

8260 Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
460-86076-2	SB-74(2-3)	116	99	99	108
460-86076-3	SB-75(5-6)	113	100	95	112
460-86076-5	SB-73(3-4)	115	104	88	115
460-86076-6	SB-77(5-6)	122	106	96	116
460-86076-7	SB-79(5-6)	119	99	104	110
460-86076-9	SB-80(4-5)	116	99	106	108
460-86076-11	SB-81(4-5)	117	99	105	109
460-86076-12	SB-82(5-6)	111	98	94	107
460-86076-13	SB-82(6.5-7.5)	110	110	68X	109
460-86076-14	SB-83(5-6)	114	95	102	111
460-86076-15	SB-84(5.5-6.5)	117	102	107	111
MB 460-264604/6		122	99	106	114
MB 460-264812/7		96	96	96	105
MB 460-264982/6		97	86	91	101
LCS 460-264604/3		105	98	98	104
LCS 460-264812/4		105	98	99	108
LCS 460-264982/3		104	99	100	105
LCSD 460-264604/4		101	94	97	102
LCSD 460-264812/5		101	96	95	105
LCSD 460-264982/4		110	101	103	110

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane (Surr)	70-130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate Recovery Report

8260 Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
460-86076-4	SB-76(5-6)	76	96	90	88
MB 460-264870/7		90	94	95	97
LCS 460-264870/5		91	94	98	99
460-86076-4 MS	SB-76(5-6) MS	92	96	101	98
460-86076-4 MSD	SB-76(5-6) MSD	104	110	113	109

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane (Surr)	70-130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate Recovery Report

8260 Volatile Organic Compounds (GC/MS)

Client Matrix: Solid SPLP

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
460-86076-13	SB-82(6.5-7.5)	102	99	101	100
MB 460-263208/6		97	96	96	95
LB 460-262470/1-A		96	95	95	96
LCS 460-263208/3		92	93	96	92
LCSD 460-263208/4		95	96	97	94

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane (Surr)	70-130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate Recovery Report

8260 Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
460-86076-1	TB-111014	96	96	95	95

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane (Surr)	70-130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate Recovery Report

8270 Semivolatile Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec	2FP %Rec	FBP %Rec
460-86076-2	SB-74(2-3)	70	65	77	57	64	73
460-86076-3	SB-75(5-6)	58	49	62	44	51	67
460-86076-4	SB-76(5-6)	51	48	62	45	46	59
460-86076-5	SB-73(3-4)	44	43	57	39	40	49
460-86076-6	SB-77(5-6)	63	59	68	54	59	71
460-86076-7	SB-79(5-6)	68	61	78	61	62	77
460-86076-9	SB-80(4-5)	56	53	69	53	53	60
460-86076-11	SB-81(4-5)	67	70	89	70	66	69
460-86076-12	SB-82(5-6)	73	71	87	67	71	71
460-86076-13	SB-82(6.5-7.5)	75	69	80	58	72	87
460-86076-14	SB-83(5-6)	68	66	82	63	64	66
460-86076-15	SB-84(5.5-6.5)	76	74	91	72	72	71
MB 460-262452/1-A		91	88	100	79	87	81
LCS 460-262452/2-A		79	77	89	83	76	81
460-86076-15 MS	SB-84(5.5-6.5) MS	79	76	91	85	75	84
460-86076-15 MSD	SB-84(5.5-6.5) MSD	75	73	89	81	74	79

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5 (Surr)	30-130
PHL = Phenol-d5 (Surr)	30-130
TPH = Terphenyl-d14 (Surr)	30-130
TBP = 2,4,6-Tribromophenol (Surr)	30-130
2FP = 2-Fluorophenol (Surr)	30-130
FBP = 2-Fluorobiphenyl	30-130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate Recovery Report

8270 Semivolatile Compounds (GC/MS)

Client Matrix: Solid SPLP East

Lab Sample ID	Client Sample ID	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec	2FP %Rec	FBP %Rec
460-86076-2	SB-74(2-3)	99	33	117	108	56	95
460-86076-3	SB-75(5-6)	101	30	110	113X	53	101
460-86076-4	SB-76(5-6)	94	27	118	96	51	92
460-86076-5	SB-73(3-4)	92	30	104	94	53	90
460-86076-6	SB-77(5-6)	95	29	105	102	50	92
460-86076-7	SB-79(5-6)	102	30	109	101	53	93
460-86076-8	SB-80(3-4)	97	33	102	87	52	92
460-86076-10	SB-81(1-2)	93	25	104	86	43	87
460-86076-12	SB-82(5-6)	94	34	97	105	49	89
460-86076-13	SB-82(6.5-7.5)	100	36	112	106	48	92
460-86076-14	SB-83(5-6)	93	36	110	97	52	86
460-86076-15	SB-84(5.5-6.5)	105	38	101	103	56	91
MB 460-262958/1-A		100	30	111	83	49	87
LB 460-262562/1-B		96	42	107	97	55	89
LCS 460-262958/2-A		89	28	97	98	48	86
LCSD 460-262958/3-A		87	30	99	103	47	83
LCSD 460-262958/3-A		87	30	99	103	47	83

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5 (Surr)	30-130
PHL = Phenol-d5 (Surr)	15-110
TPH = Terphenyl-d14 (Surr)	30-130
TBP = 2,4,6-Tribromophenol (Surr)	15-110
2FP = 2-Fluorophenol (Surr)	15-110
FBP = 2-Fluorobiphenyl	30-130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate Recovery Report

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH %Rec
460-86076-2	SB-74(2-3)	104
460-86076-3	SB-75(5-6)	89
460-86076-4	SB-76(5-6)	98
460-86076-5	SB-73(3-4)	77
460-86076-6	SB-77(5-6)	100
460-86076-7	SB-79(5-6)	100
460-86076-9	SB-80(4-5)	78
460-86076-11	SB-81(4-5)	90
460-86076-12	SB-82(5-6)	78
460-86076-13	SB-82(6.5-7.5)	113
460-86076-14	SB-83(5-6)	88
460-86076-15	SB-84(5.5-6.5)	94
MB 460-262486/1-A		294X
LCS 460-262486/2-A		109
460-86076-11 MS	SB-81(4-5) MS	80
460-86076-11 MSD	SB-81(4-5) MSD	84

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	50-150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262268

Method: 8260
Preparation: 5035

MS Lab Sample ID:	460-86076-4	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-262268	Lab File ID:	B76411.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.031 g
Analysis Date:	11/24/2014 1112			Final Weight/Volume:	10 mL
Prep Date:	11/12/2014 1934				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-86076-4	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-262268	Lab File ID:	B76412.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.031 g
Analysis Date:	11/24/2014 1136			Final Weight/Volume:	10 mL
Prep Date:	11/12/2014 1934				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,2-Dibromo-3-Chloropropane	69	73	70 - 130	6	30	F1	
Acrylonitrile	85	97	70 - 130	13	30		
1,2-Dichlorobenzene	86	99	70 - 130	14	30		
Benzene	86	96	70 - 130	10	30		
1,3-Dichlorobenzene	88	98	70 - 130	11	30		
Bromobenzene	87	102	70 - 130	16	30		
1,4-Dichlorobenzene	82	92	70 - 130	11	30		
Bromoform	78	91	70 - 130	15	30		
Bromomethane	87	96	70 - 130	10	30		
1,1-Dichloroethane	86	95	70 - 130	10	30		
Carbon disulfide	77	85	70 - 130	10	30		
Carbon tetrachloride	85	93	70 - 130	9	30		
1,1-Dichloroethene	83	93	70 - 130	11	30		
Chlorobenzene	87	98	70 - 130	12	30		
Chlorodibromomethane	86	97	70 - 130	12	30		
Chloroethane	94	109	70 - 130	14	30		
1,2-Dichloropropane	85	97	70 - 130	13	30		
1,3-Dichloropropane	81	97	70 - 130	17	30		
2,2-Dichloropropane	87	97	70 - 130	11	30		
1,1-Dichloropropene	84	98	70 - 130	15	30		
n-Butylbenzene	86	96	70 - 130	11	30		
Hexachlorobutadiene	84	101	70 - 130	18	30		
sec-Butylbenzene	87	100	70 - 130	14	30		
Isopropylbenzene	88	98	70 - 130	10	30		
Methylene Chloride	89	98	70 - 130	10	30		
tert-Butylbenzene	88	100	70 - 130	12	30		
Methyl tert-butyl ether	86	97	70 - 130	12	30		
Naphthalene	133	103	70 - 130	26	30	F1	
N-Propylbenzene	86	97	70 - 130	12	30		
Styrene	90	101	70 - 130	11	30		
trans-1,2-Dichloroethene	84	97	70 - 130	14	30		
1,1,1,2-Tetrachloroethane	88	97	70 - 130	10	30		
trans-1,3-Dichloropropene	84	99	70 - 130	17	30		

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262268

Method: 8260
Preparation: 5035

MS Lab Sample ID:	460-86076-4	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-262268	Lab File ID:	B76411.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.031 g
Analysis Date:	11/24/2014 1112			Final Weight/Volume:	10 mL
Prep Date:	11/12/2014 1934				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-86076-4	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-262268	Lab File ID:	B76412.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.031 g
Analysis Date:	11/24/2014 1136			Final Weight/Volume:	10 mL
Prep Date:	11/12/2014 1934				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
1,1,2,2-Tetrachloroethane	82	98	70 - 130	17	30		
trans-1,4-Dichloro-2-butene	75	87	70 - 130	14	30		
Toluene	90	103	70 - 130	13	30		
Tetrachloroethene	88	101	70 - 130	14	30		
Tetrahydrofuran	89	109	70 - 130	21	30		
1,2,3-Trichlorobenzene	41	97	70 - 130	81	30	F1	F2
1,2,4-Trichlorobenzene	58	78	70 - 130	29	30	F1	
1,1,1-Trichloroethane	90	99	70 - 130	10	30		
2-Butanone (MEK)	116	121	70 - 130	5	30		
1,1,2-Trichloroethane	82	96	70 - 130	16	30		
Chloroform	88	99	70 - 130	11	30		
1,2-Dichloroethane	81	93	70 - 130	14	30		
Trichloroethene	-22	146	70 - 130	10	30	4	4
2-Hexanone	94	106	70 - 130	12	30		
Trichlorofluoromethane	98	110	70 - 130	11	30		
1,2,3-Trichloropropane	82	97	70 - 130	16	30		
4-Methyl-2-pentanone (MIBK)	92	107	70 - 130	15	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	90	102	70 - 130	13	30		
Acetone	115	131	70 - 130	13	30		F1
1,2,4-Trimethylbenzene	89	100	70 - 130	12	30		
Dichlorobromomethane	82	96	70 - 130	16	30		
1,3,5-Trimethylbenzene	89	102	70 - 130	13	30		
Chloromethane	83	91	70 - 130	9	30		
cis-1,2-Dichloroethene	87	98	70 - 130	12	30		
Vinyl chloride	80	88	70 - 130	10	30		
cis-1,3-Dichloropropene	83	97	70 - 130	15	30		
Ethylbenzene	85	94	70 - 130	11	30		
o-Xylene	87	101	70 - 130	15	30		
m-Xylene & p-Xylene	93	101	70 - 130	9	30		
Xylenes, Total	90	101	70 - 130	12	30		
2-Chlorotoluene	89	102	70 - 130	13	30		
4-Chlorotoluene	84	95	70 - 130	13	30		
Ethylene Dibromide	84	101	70 - 130	18	30		

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262268

Method: 8260
Preparation: 5035

MS Lab Sample ID:	460-86076-4	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-262268	Lab File ID:	B76411.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.031 g
Analysis Date:	11/24/2014 1112			Final Weight/Volume:	10 mL
Prep Date:	11/12/2014 1934				5 mL
Leach Date:	N/A				

MSD Lab Sample ID:	460-86076-4	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	460-262268	Lab File ID:	B76412.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5.031 g
Analysis Date:	11/24/2014 1136			Final Weight/Volume:	10 mL
Prep Date:	11/12/2014 1934				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Dibromomethane	79	101	70 - 130	25	30		
Dichlorodifluoromethane	98	101	70 - 130	4	30		
4-Isopropyltoluene	88	102	70 - 130	14	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	104	70 - 130
Toluene-d8 (Surr)	96	110	70 - 130
4-Bromofluorobenzene	101	113	70 - 130
Dibromofluoromethane (Surr)	98	109	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262268

Method: 8260
Preparation: 5035

MS Lab Sample ID:	460-86076-4	Units: ug/Kg		MSD Lab Sample ID:	460-86076-4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	11/24/2014 1112			Analysis Date:	11/24/2014 1136
Prep Date:	11/12/2014 1934			Prep Date:	11/12/2014 1934
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
1,2-Dibromo-3-Chloropropane	66	U	2640	2640	1820	F1	1940	
Acrylonitrile	130	U	26400	26400	22500		25600	
1,2-Dichlorobenzene	66	U	2640	2640	2280		2610	
Benzene	66	U	2640	2640	2270		2520	
1,3-Dichlorobenzene	66	U	2640	2640	2320		2570	
Bromobenzene	66	U	2640	2640	2300		2700	
1,4-Dichlorobenzene	66	U	2640	2640	2170		2440	
Bromoform	66	U	2640	2640	2070		2400	
Bromomethane	66	U	2640	2640	2300		2540	
1,1-Dichloroethane	66	U	2640	2640	2260		2510	
Carbon disulfide	66	U	2640	2640	2030		2250	
Carbon tetrachloride	66	U	2640	2640	2250		2450	
1,1-Dichloroethene	66	U	2640	2640	2180		2440	
Chlorobenzene	66	U	2640	2640	2300		2600	
Chlorodibromomethane	66	U	2640	2640	2270		2550	
Chloroethane	66	U	2640	2640	2490		2870	
1,2-Dichloropropane	66	U	2640	2640	2230		2550	
1,3-Dichloropropane	66	U	2640	2640	2150		2550	
2,2-Dichloropropane	66	U	2640	2640	2290		2570	
1,1-Dichloropropene	66	U	2640	2640	2220		2590	
n-Butylbenzene	66	U	2640	2640	2260		2530	
Hexachlorobutadiene	66	U	2640	2640	2210		2650	
sec-Butylbenzene	66	U	2640	2640	2290		2630	
Isopropylbenzene	66	U	2640	2640	2330		2570	
Methylene Chloride	66	U	2640	2640	2340		2590	
tert-Butylbenzene	66	U	2640	2640	2330		2630	
Methyl tert-butyl ether	66	U	2640	2640	2270		2570	
Naphthalene	130	U	2640	2640	3500	F1	2700	
N-Propylbenzene	66	U	2640	2640	2280		2570	
Styrene	66	U	2640	2640	2380		2650	
trans-1,2-Dichloroethene	66	U	2640	2640	2220		2570	
1,1,1,2-Tetrachloroethane	66	U	2640	2640	2320		2560	
trans-1,3-Dichloropropene	66	U	2640	2640	2210		2620	
1,1,2,2-Tetrachloroethane	66	U	2640	2640	2170		2580	
trans-1,4-Dichloro-2-butene	66	U	2640	2640	1990		2290	
Toluene	66	U	2640	2640	2380		2710	
Tetrachloroethene	66	U	2640	2640	2330		2670	
Tetrahydrofuran	66	U	5280	5280	4670		5760	
1,2,3-Trichlorobenzene	130	U	2640	2640	1090	F1	2570	F2
1,2,4-Trichlorobenzene	66	U	2640	2640	1530	F1	2050	
1,1,1-Trichloroethane	120		2640	2640	2480		2740	
2-Butanone (MEK)	130	U	13200	13200	15300		16000	
1,1,2-Trichloroethane	66	U	2640	2640	2170		2540	

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262268

Method: 8260
Preparation: 5035

MS Lab Sample ID:	460-86076-4	Units:	ug/Kg	MSD Lab Sample ID:	460-86076-4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	11/24/2014 1112			Analysis Date:	11/24/2014 1136
Prep Date:	11/12/2014 1934			Prep Date:	11/12/2014 1934
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Chloroform	77		2640	2640	2400		2680	
1,2-Dichloroethane	66	U	2640	2640	2140		2460	
Trichloroethene	41000		2640	2640	40300	4	44700	4
2-Hexanone	130	U	13200	13200	12400		14000	
Trichlorofluoromethane	66	U	2640	2640	2590		2890	
1,2,3-Trichloropropane	66	U	2640	2640	2160		2550	
4-Methyl-2-pentanone (MIBK)	130	U	13200	13200	12100		14100	
1,1,2-Trichloro-1,2,2-trifluoroethane	66	U	2640	2640	2370		2680	
Acetone	330	U	13200	13200	15100		17300	F1
1,2,4-Trimethylbenzene	66	U	2640	2640	2350		2640	
Dichlorobromomethane	66	U	2640	2640	2150		2530	
1,3,5-Trimethylbenzene	66	U	2640	2640	2360		2680	
Chloromethane	66	U	2640	2640	2190		2390	
cis-1,2-Dichloroethene	66	U	2640	2640	2300		2590	
Vinyl chloride	66	U	2640	2640	2110		2330	
cis-1,3-Dichloropropene	66	U	2640	2640	2190		2560	
Ethylbenzene	66	U	2640	2640	2230		2480	
o-Xylene	66	U	2640	2640	2300		2670	
m-Xylene & p-Xylene	66	U	2640	2640	2440		2670	
Xylenes, Total	130	U	5280	5280	4750		5340	
2-Chlorotoluene	66	U	2640	2640	2350		2680	
4-Chlorotoluene	66	U	2640	2640	2210		2500	
Ethylene Dibromide	66	U	2640	2640	2230		2670	
Dibromomethane	66	U	2640	2640	2090		2670	
Dichlorodifluoromethane	66	U	2640	2640	2570		2670	
4-Isopropyltoluene	66	U	2640	2640	2330		2690	

Method Blank - Batch: 460-263208

Method: 8260
Preparation: 5030B

Lab Sample ID:	MB 460-263208/6	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92480.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1002	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1002				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acrylonitrile	2.0	U	2.0	2.0
1,2-Dibromo-3-Chloropropane	0.50	U	0.50	0.50
1,2-Dichlorobenzene	0.50	U	0.50	0.50
Benzene	0.50	U	0.50	0.50
1,3-Dichlorobenzene	0.50	U	0.50	0.50
Bromobenzene	0.50	U	0.50	0.50
Bromoform	0.50	U	0.50	0.50
1,4-Dichlorobenzene	0.50	U	0.50	0.50
Bromomethane	0.50	U	0.50	0.50
Carbon disulfide	0.50	U	0.50	0.50
1,1-Dichloroethane	0.50	U	0.50	0.50
Carbon tetrachloride	0.50	U	0.50	0.50
Chlorobenzene	0.50	U	0.50	0.50
1,1-Dichloroethene	0.50	U	0.50	0.50
Chlorodibromomethane	0.50	U	0.50	0.50
Chloroethane	0.50	U	0.50	0.50
1,2-Dichloropropane	0.50	U	0.50	0.50
1,3-Dichloropropane	0.50	U	0.50	0.50
2,2-Dichloropropane	0.50	U	0.50	0.50
1,1-Dichloropropene	0.50	U	0.50	0.50
n-Butylbenzene	0.50	U	0.50	0.50
Hexachlorobutadiene	0.50	U	0.50	0.50
sec-Butylbenzene	0.50	U	0.50	0.50
Isopropylbenzene	0.50	U	0.50	0.50
tert-Butylbenzene	0.50	U	0.50	0.50
Methylene Chloride	0.50	U	0.50	0.50
Methyl tert-butyl ether	0.50	U	0.50	0.50
Naphthalene	0.50	U	0.50	0.50
N-Propylbenzene	0.50	U	0.50	0.50
Styrene	0.50	U	0.50	0.50
trans-1,2-Dichloroethene	0.50	U	0.50	0.50
trans-1,3-Dichloropropene	0.50	U	0.50	0.50
1,1,1,2-Tetrachloroethane	0.50	U	0.50	0.50
trans-1,4-Dichloro-2-butene	0.50	U	0.50	0.50
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.50
Toluene	0.50	U	0.50	0.50
Tetrachloroethene	0.50	U	0.50	0.50
Tetrahydrofuran	1.0	U	1.0	1.0
1,2,3-Trichlorobenzene	0.50	U	0.50	0.50
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
1,1,1-Trichloroethane	0.50	U	0.50	0.50
2-Butanone (MEK)	2.5	U	2.5	2.5
Chloroform	0.50	U	0.50	0.50
1,1,2-Trichloroethane	0.50	U	0.50	0.50
1,2-Dichloroethane	0.50	U	0.50	0.50

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-263208

Method: 8260
Preparation: 5030B

Lab Sample ID:	MB 460-263208/6	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92480.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1002	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1002				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Trichloroethene	0.50	U	0.50	0.50
2-Hexanone	2.5	U	2.5	2.5
Trichlorofluoromethane	0.50	U	0.50	0.50
1,2,3-Trichloropropane	0.50	U	0.50	0.50
4-Methyl-2-pentanone (MIBK)	2.5	U	2.5	2.5
Acetone	2.5	U	2.5	2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	0.50
Dichlorobromomethane	0.50	U	0.50	0.50
1,2,4-Trimethylbenzene	0.50	U	0.50	0.50
1,3,5-Trimethylbenzene	0.50	U	0.50	0.50
Chloromethane	0.50	U	0.50	0.50
Vinyl chloride	0.50	U	0.50	0.50
cis-1,2-Dichloroethene	0.50	U	0.50	0.50
cis-1,3-Dichloropropene	0.50	U	0.50	0.50
o-Xylene	0.50	U	0.50	0.50
Ethylbenzene	0.50	U	0.50	0.50
Xylenes, Total	1.5	U	1.5	1.5
m-Xylene & p-Xylene	1.0	U	1.0	1.0
2-Chlorotoluene	0.50	U	0.50	0.50
4-Chlorotoluene	0.50	U	0.50	0.50
Ethylene Dibromide	0.50	U	0.50	0.50
Dibromomethane	0.50	U	0.50	0.50
Dichlorodifluoromethane	0.50	U	0.50	0.50
4-Isopropyltoluene	0.50	U	0.50	0.50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
Toluene-d8 (Surr)	96	70 - 130
4-Bromofluorobenzene	96	70 - 130
Dibromofluoromethane (Surr)	95	70 - 130

TCLP SPLPE Leachate Blank - Batch: 460-263208

Method: 8260
Preparation: 5030B
SPLP

Lab Sample ID:	LB 460-262470/1-A	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P92493.D
Dilution:	1.0	Leach Batch:	460-262470	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1531	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1531				
Leach Date:	11/13/2014 1348				

Analyte	Result	Qual	RL	RL
Acrylonitrile	0.0020	U	0.0020	0.0020
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.0010
1,2-Dichlorobenzene	0.0010	U	0.0010	0.0010
Benzene	0.0010	U	0.0010	0.0010
1,3-Dichlorobenzene	0.0010	U	0.0010	0.0010
Bromobenzene	0.0010	U	0.0010	0.0010
Bromoform	0.0010	U	0.0010	0.0010
1,4-Dichlorobenzene	0.0010	U	0.0010	0.0010
Bromomethane	0.0010	U	0.0010	0.0010
Carbon disulfide	0.0010	U	0.0010	0.0010
1,1-Dichloroethane	0.0010	U	0.0010	0.0010
Carbon tetrachloride	0.0010	U	0.0010	0.0010
Chlorobenzene	0.0010	U	0.0010	0.0010
1,1-Dichloroethene	0.0010	U	0.0010	0.0010
Chlorodibromomethane	0.0010	U	0.0010	0.0010
Chloroethane	0.0010	U	0.0010	0.0010
1,2-Dichloropropane	0.0010	U	0.0010	0.0010
1,3-Dichloropropane	0.0010	U	0.0010	0.0010
2,2-Dichloropropane	0.0010	U	0.0010	0.0010
1,1-Dichloropropene	0.0010	U	0.0010	0.0010
n-Butylbenzene	0.0010	U	0.0010	0.0010
Hexachlorobutadiene	0.0010	U	0.0010	0.0010
sec-Butylbenzene	0.0010	U	0.0010	0.0010
Isopropylbenzene	0.0010	U	0.0010	0.0010
tert-Butylbenzene	0.0010	U	0.0010	0.0010
Methylene Chloride	0.0307		0.0010	0.0010
Methyl tert-butyl ether	0.0010	U	0.0010	0.0010
Naphthalene	0.0010	U	0.0010	0.0010
N-Propylbenzene	0.0010	U	0.0010	0.0010
Styrene	0.0010	U	0.0010	0.0010
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.0010
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.0010
1,1,1,2-Tetrachloroethane	0.0010	U	0.0010	0.0010
trans-1,4-Dichloro-2-butene	0.0010	U	0.0010	0.0010
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.0010
Toluene	0.00104		0.0010	0.0010
Tetrachloroethene	0.0010	U	0.0010	0.0010
Tetrahydrofuran	0.0010	U	0.0010	0.0010
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.0010
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.0010
1,1,1-Trichloroethane	0.0010	U	0.0010	0.0010
2-Butanone (MEK)	0.0010	U	0.0010	0.0010
Chloroform	0.0010	U	0.0010	0.0010
1,1,2-Trichloroethane	0.0010	U	0.0010	0.0010
1,2-Dichloroethane	0.0010	U	0.0010	0.0010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

TCLP SPLPE Leachate Blank - Batch: 460-263208

Method: 8260
Preparation: 5030B
SPLP

Lab Sample ID:	LB 460-262470/1-A	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P92493.D
Dilution:	1.0	Leach Batch:	460-262470	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1531	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1531				
Leach Date:	11/13/2014 1348				

Analyte	Result	Qual	RL	RL
Trichloroethene	0.0010	U	0.0010	0.0010
2-Hexanone	0.0020	U	0.0020	0.0020
Trichlorofluoromethane	0.0010	U	0.0010	0.0010
1,2,3-Trichloropropane	0.0010	U	0.0010	0.0010
4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0020	0.0020
Acetone	0.0050	U	0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.0010
Dichlorobromomethane	0.0010	U	0.0010	0.0010
1,2,4-Trimethylbenzene	0.00199		0.0010	0.0010
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.0010
Chloromethane	0.0010	U	0.0010	0.0010
Vinyl chloride	0.0010	U	0.0010	0.0010
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.0010
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.0010
o-Xylene	0.0010	U	0.0010	0.0010
Ethylbenzene	0.0010	U	0.0010	0.0010
Xylenes, Total	0.00317		0.0030	0.0030
m-Xylene & p-Xylene	0.00221		0.0020	0.0020
2-Chlorotoluene	0.0010	U	0.0010	0.0010
4-Chlorotoluene	0.0010	U	0.0010	0.0010
Ethylene Dibromide	0.0010	U	0.0010	0.0010
Dibromomethane	0.0010	U	0.0010	0.0010
Dichlorodifluoromethane	0.0020	U	0.0020	0.0020
4-Isopropyltoluene	0.0010	U	0.0010	0.0010

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
Toluene-d8 (Surr)	95	70 - 130
4-Bromofluorobenzene	95	70 - 130
Dibromofluoromethane (Surr)	96	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-263208

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-263208/3	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92477.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 0846	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 0846				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-263208/4	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92478.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 0911	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 0911				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	83	87	70 - 130	4	30		
Acrylonitrile	90	94	70 - 130	5	30		
1,2-Dichlorobenzene	88	84	70 - 130	5	30		
Benzene	86	87	70 - 130	1	30		
1,3-Dichlorobenzene	89	86	70 - 130	3	30		
Bromobenzene	85	85	70 - 130	0	30		
1,4-Dichlorobenzene	83	83	70 - 130	1	30		
Bromoform	83	81	70 - 130	2	30		
Bromomethane	111	107	70 - 130	4	30		
1,1-Dichloroethane	94	92	70 - 130	3	30		
Carbon disulfide	89	87	70 - 130	3	30		
Carbon tetrachloride	97	90	70 - 130	7	30		
1,1-Dichloroethene	91	83	70 - 130	9	30		
Chlorobenzene	85	86	70 - 130	1	30		
Chlorodibromomethane	87	90	70 - 130	3	30		
Chloroethane	95	102	70 - 130	7	30		
1,2-Dichloropropane	94	94	70 - 130	1	30		
1,3-Dichloropropane	90	91	70 - 130	1	30		
2,2-Dichloropropane	98	95	70 - 130	3	30		
1,1-Dichloropropene	91	87	70 - 130	4	30		
n-Butylbenzene	104	98	70 - 130	6	30		
Hexachlorobutadiene	83	77	70 - 130	7	30		
sec-Butylbenzene	103	98	70 - 130	5	30		
Isopropylbenzene	95	95	70 - 130	1	30		
Methylene Chloride	96	82	70 - 130	16	30		
tert-Butylbenzene	97	92	70 - 130	5	30		
Methyl tert-butyl ether	91	92	70 - 130	1	30		
Naphthalene	90	91	70 - 130	2	30		
N-Propylbenzene	95	91	70 - 130	4	30		
Styrene	92	91	70 - 130	1	30		
trans-1,2-Dichloroethene	92	86	70 - 130	6	30		
1,1,1,2-Tetrachloroethane	86	87	70 - 130	1	30		
trans-1,3-Dichloropropene	94	94	70 - 130	0	30		
1,1,2,2-Tetrachloroethane	91	95	70 - 130	4	30		
trans-1,4-Dichloro-2-butene	93	88	70 - 130	6	30		
Toluene	91	90	70 - 130	1	30		

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-263208

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-263208/3	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92477.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 0846	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 0846				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-263208/4	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92478.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 0911	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 0911				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	91	87	70 - 130	4	30		
Tetrahydrofuran	88	87	70 - 130	1	30		
1,2,3-Trichlorobenzene	89	87	70 - 130	2	30		
1,2,4-Trichlorobenzene	88	85	70 - 130	3	30		
1,1,1-Trichloroethane	93	89	70 - 130	4	30		
2-Butanone (MEK)	94	96	70 - 130	2	30		
1,1,2-Trichloroethane	90	89	70 - 130	1	30		
Chloroform	94	92	70 - 130	2	30		
1,2-Dichloroethane	92	91	70 - 130	1	30		
Trichloroethene	88	86	70 - 130	3	30		
2-Hexanone	101	108	70 - 130	6	30		
Trichlorofluoromethane	93	85	70 - 130	9	30		
1,2,3-Trichloropropane	90	90	70 - 130	0	30		
4-Methyl-2-pentanone (MIBK)	103	109	70 - 130	6	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	100	95	70 - 130	5	30		
Acetone	88	87	70 - 130	1	30		
1,2,4-Trimethylbenzene	98	92	70 - 130	6	30		
Dichlorobromomethane	93	91	70 - 130	2	30		
1,3,5-Trimethylbenzene	95	91	70 - 130	4	30		
Chloromethane	89	88	70 - 130	2	30		
cis-1,2-Dichloroethene	90	87	70 - 130	3	30		
Vinyl chloride	102	97	70 - 130	5	30		
cis-1,3-Dichloropropene	89	91	70 - 130	3	30		
Ethylbenzene	92	88	70 - 130	5	30		
o-Xylene	93	91	70 - 130	2	30		
m-Xylene & p-Xylene	89	90	70 - 130	1	30		
Xylenes, Total	91	91	70 - 130	1	30		
2-Chlorotoluene	94	92	70 - 130	2	30		
4-Chlorotoluene	93	92	70 - 130	1	30		
Ethylene Dibromide	86	87	70 - 130	1	30		
Dibromomethane	96	92	70 - 130	4	30		
Dichlorodifluoromethane	83	74	70 - 130	12	30		
4-Isopropyltoluene	99	95	70 - 130	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	95	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	93	96	70 - 130
4-Bromofluorobenzene	96	97	70 - 130
Dibromofluoromethane (Surr)	92	94	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-263208

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-263208/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-263208/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/17/2014 0846			Analysis Date:	11/17/2014 0911
Prep Date:	11/17/2014 0846			Prep Date:	11/17/2014 0911
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.7	17.4
Acrylonitrile	200	200	180	189
1,2-Dichlorobenzene	20.0	20.0	17.7	16.7
Benzene	20.0	20.0	17.2	17.3
1,3-Dichlorobenzene	20.0	20.0	17.8	17.3
Bromobenzene	20.0	20.0	17.1	17.1
1,4-Dichlorobenzene	20.0	20.0	16.6	16.7
Bromoform	20.0	20.0	16.6	16.3
Bromomethane	20.0	20.0	22.3	21.5
1,1-Dichloroethane	20.0	20.0	18.9	18.4
Carbon disulfide	20.0	20.0	17.8	17.4
Carbon tetrachloride	20.0	20.0	19.4	18.1
1,1-Dichloroethene	20.0	20.0	18.2	16.6
Chlorobenzene	20.0	20.0	17.0	17.2
Chlorodibromomethane	20.0	20.0	17.5	18.0
Chloroethane	20.0	20.0	18.9	20.4
1,2-Dichloropropane	20.0	20.0	18.9	18.8
1,3-Dichloropropane	20.0	20.0	18.1	18.3
2,2-Dichloropropane	20.0	20.0	19.6	19.0
1,1-Dichloropropene	20.0	20.0	18.1	17.4
n-Butylbenzene	20.0	20.0	20.8	19.6
Hexachlorobutadiene	20.0	20.0	16.6	15.4
sec-Butylbenzene	20.0	20.0	20.5	19.6
Isopropylbenzene	20.0	20.0	18.9	19.1
Methylene Chloride	20.0	20.0	19.1	16.3
tert-Butylbenzene	20.0	20.0	19.4	18.5
Methyl tert-butyl ether	20.0	20.0	18.1	18.4
Naphthalene	20.0	20.0	17.9	18.2
N-Propylbenzene	20.0	20.0	19.0	18.3
Styrene	20.0	20.0	18.4	18.3
trans-1,2-Dichloroethene	20.0	20.0	18.4	17.2
1,1,1,2-Tetrachloroethane	20.0	20.0	17.3	17.4
trans-1,3-Dichloropropene	20.0	20.0	18.8	18.9
1,1,2,2-Tetrachloroethane	20.0	20.0	18.3	19.0
trans-1,4-Dichloro-2-butene	20.0	20.0	18.6	17.6
Toluene	20.0	20.0	18.2	17.9
Tetrachloroethene	20.0	20.0	18.2	17.4
Tetrahydrofuran	40.0	40.0	35.3	34.9
1,2,3-Trichlorobenzene	20.0	20.0	17.8	17.4

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-263208

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-263208/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-263208/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/17/2014 0846			Analysis Date:	11/17/2014 0911
Prep Date:	11/17/2014 0846			Prep Date:	11/17/2014 0911
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	17.5	17.0
1,1,1-Trichloroethane	20.0	20.0	18.6	17.9
2-Butanone (MEK)	100	100	94.0	95.9
1,1,2-Trichloroethane	20.0	20.0	18.0	17.8
Chloroform	20.0	20.0	18.8	18.4
1,2-Dichloroethane	20.0	20.0	18.5	18.3
Trichloroethene	20.0	20.0	17.7	17.2
2-Hexanone	100	100	101	108
Trichlorofluoromethane	20.0	20.0	18.6	17.0
1,2,3-Trichloropropane	20.0	20.0	18.0	18.0
4-Methyl-2-pentanone (MIBK)	100	100	103	109
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	20.0	19.0
Acetone	100	100	88.3	87.2
1,2,4-Trimethylbenzene	20.0	20.0	19.6	18.5
Dichlorobromomethane	20.0	20.0	18.7	18.3
1,3,5-Trimethylbenzene	20.0	20.0	19.0	18.3
Chloromethane	20.0	20.0	17.9	17.6
cis-1,2-Dichloroethene	20.0	20.0	18.0	17.4
Vinyl chloride	20.0	20.0	20.3	19.4
cis-1,3-Dichloropropene	20.0	20.0	17.8	18.3
Ethylbenzene	20.0	20.0	18.4	17.5
o-Xylene	20.0	20.0	18.6	18.3
m-Xylene & p-Xylene	20.0	20.0	17.9	18.0
Xylenes, Total	40.0	40.0	36.5	36.3
2-Chlorotoluene	20.0	20.0	18.7	18.3
4-Chlorotoluene	20.0	20.0	18.6	18.4
Ethylene Dibromide	20.0	20.0	17.3	17.4
Dibromomethane	20.0	20.0	19.1	18.4
Dichlorodifluoromethane	20.0	20.0	16.6	14.8
4-Isopropyltoluene	20.0	20.0	19.8	19.0

Method Blank - Batch: 460-264604

Method: 8260
Preparation: N/A

Lab Sample ID:	MB 460-264604/6	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93372.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 1031	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acrylonitrile	50	U	50	50
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	1.0
1,2-Dichlorobenzene	1.0	U	1.0	1.0
Benzene	1.0	U	1.0	1.0
1,3-Dichlorobenzene	1.0	U	1.0	1.0
Bromobenzene	1.0	U	1.0	1.0
Bromoform	1.0	U	1.0	1.0
1,4-Dichlorobenzene	1.0	U	1.0	1.0
Bromomethane	1.0	U	1.0	1.0
Carbon disulfide	1.0	U	1.0	1.0
1,1-Dichloroethane	1.0	U	1.0	1.0
Carbon tetrachloride	1.0	U	1.0	1.0
Chlorobenzene	1.0	U	1.0	1.0
1,1-Dichloroethene	1.0	U	1.0	1.0
Chlorodibromomethane	1.0	U	1.0	1.0
Chloroethane	1.0	U	1.0	1.0
1,2-Dichloropropane	1.0	U	1.0	1.0
1,3-Dichloropropane	1.0	U	1.0	1.0
2,2-Dichloropropane	1.0	U	1.0	1.0
1,1-Dichloropropene	1.0	U	1.0	1.0
n-Butylbenzene	1.0	U	1.0	1.0
Hexachlorobutadiene	1.0	U	1.0	1.0
sec-Butylbenzene	1.0	U	1.0	1.0
Isopropylbenzene	1.0	U	1.0	1.0
tert-Butylbenzene	1.0	U	1.0	1.0
Methylene Chloride	1.0	U	1.0	1.0
Methyl tert-butyl ether	1.0	U	1.0	1.0
Naphthalene	1.0	U	1.0	1.0
N-Propylbenzene	1.0	U	1.0	1.0
Styrene	1.0	U	1.0	1.0
trans-1,2-Dichloroethene	1.0	U	1.0	1.0
trans-1,3-Dichloropropene	1.0	U	1.0	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0	1.0
trans-1,4-Dichloro-2-butene	1.0	U	1.0	1.0
1,1,2,2-Tetrachloroethane	1.0	U	1.0	1.0
Toluene	1.0	U	1.0	1.0
Tetrachloroethene	1.0	U	1.0	1.0
Tetrahydrofuran	2.0	U	2.0	2.0
1,2,3-Trichlorobenzene	1.0	U	1.0	1.0
1,2,4-Trichlorobenzene	1.0	U	1.0	1.0
1,1,1-Trichloroethane	1.0	U	1.0	1.0
2-Butanone (MEK)	10	U	10	10
Chloroform	1.0	U	1.0	1.0
1,1,2-Trichloroethane	1.0	U	1.0	1.0
1,2-Dichloroethane	1.0	U	1.0	1.0

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-264604 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-264604/6	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93372.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 1031	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Trichloroethene	1.0	U	1.0	1.0
2-Hexanone	10	U	10	10
Trichlorofluoromethane	1.0	U	1.0	1.0
1,2,3-Trichloropropane	1.0	U	1.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	10	10
Acetone	10	U	10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	1.0
Dichlorobromomethane	1.0	U	1.0	1.0
1,2,4-Trimethylbenzene	1.0	U	1.0	1.0
1,3,5-Trimethylbenzene	1.0	U	1.0	1.0
Chloromethane	1.0	U	1.0	1.0
Vinyl chloride	1.0	U	1.0	1.0
cis-1,2-Dichloroethene	1.0	U	1.0	1.0
cis-1,3-Dichloropropene	1.0	U	1.0	1.0
o-Xylene	1.0	U	1.0	1.0
Ethylbenzene	1.0	U	1.0	1.0
Xylenes, Total	2.0	U	2.0	2.0
m-Xylene & p-Xylene	1.0	U	1.0	1.0
2-Chlorotoluene	1.0	U	1.0	1.0
4-Chlorotoluene	1.0	U	1.0	1.0
Ethylene Dibromide	1.0	U	1.0	1.0
Dibromomethane	1.0	U	1.0	1.0
Dichlorodifluoromethane	1.0	U	1.0	1.0
4-Isopropyltoluene	1.0	U	1.0	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	70 - 130
Toluene-d8 (Surr)	99	70 - 130
4-Bromofluorobenzene	106	70 - 130
Dibromofluoromethane (Surr)	114	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-264604

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264604/3	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93369.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 0855	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-264604/4	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93370.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 0921	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	76	78	70 - 130	4	30		
Acrylonitrile	90	85	70 - 130	6	30		
1,2-Dichlorobenzene	88	86	70 - 130	2	30		
Benzene	88	86	70 - 130	2	30		
1,3-Dichlorobenzene	89	89	70 - 130	1	30		
Bromobenzene	86	83	70 - 130	3	30		
1,4-Dichlorobenzene	86	86	70 - 130	0	30		
Bromoform	79	80	70 - 130	1	30		
Bromomethane	106	110	70 - 130	4	30		
1,1-Dichloroethane	97	95	70 - 130	2	30		
Carbon disulfide	95	92	70 - 130	3	30		
Carbon tetrachloride	97	95	70 - 130	2	30		
1,1-Dichloroethene	89	89	70 - 130	0	30		
Chlorobenzene	87	87	70 - 130	0	30		
Chlorodibromomethane	86	84	70 - 130	2	30		
Chloroethane	113	113	70 - 130	0	30		
1,2-Dichloropropane	91	91	70 - 130	0	30		
1,3-Dichloropropane	86	85	70 - 130	1	30		
2,2-Dichloropropane	98	98	70 - 130	0	30		
1,1-Dichloropropene	93	91	70 - 130	3	30		
n-Butylbenzene	91	90	70 - 130	1	30		
Hexachlorobutadiene	86	88	70 - 130	3	30		
sec-Butylbenzene	89	88	70 - 130	1	30		
Isopropylbenzene	91	90	70 - 130	1	30		
Methylene Chloride	108	104	70 - 130	4	30		
tert-Butylbenzene	87	86	70 - 130	1	30		
Methyl tert-butyl ether	99	93	70 - 130	6	30		
Naphthalene	82	83	70 - 130	1	30		
N-Propylbenzene	89	89	70 - 130	1	30		
Styrene	88	87	70 - 130	1	30		
trans-1,2-Dichloroethene	95	91	70 - 130	4	30		
1,1,1,2-Tetrachloroethane	90	89	70 - 130	1	30		
trans-1,3-Dichloropropene	90	88	70 - 130	2	30		
1,1,2,2-Tetrachloroethane	81	81	70 - 130	0	30		
trans-1,4-Dichloro-2-butene	79	78	70 - 130	1	30		
Toluene	89	89	70 - 130	1	30		

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-264604

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264604/3	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93369.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 0855	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-264604/4	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93370.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 0921	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	86	84	70 - 130	2	30		
Tetrahydrofuran	123	127	70 - 130	3	30		
1,2,3-Trichlorobenzene	90	87	70 - 130	4	30		
1,2,4-Trichlorobenzene	89	91	70 - 130	3	30		
1,1,1-Trichloroethane	98	95	70 - 130	3	30		
2-Butanone (MEK)	94	98	70 - 130	4	30		
1,1,2-Trichloroethane	85	81	70 - 130	5	30		
Chloroform	98	95	70 - 130	4	30		
1,2-Dichloroethane	98	94	70 - 130	4	30		
Trichloroethene	93	89	70 - 130	4	30		
2-Hexanone	81	82	70 - 130	1	30		
Trichlorofluoromethane	113	117	70 - 130	3	30		
1,2,3-Trichloropropane	84	82	70 - 130	2	30		
4-Methyl-2-pentanone (MIBK)	84	84	70 - 130	0	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	96	94	70 - 130	2	30		
Acetone	101	101	70 - 130	0	30		
1,2,4-Trimethylbenzene	86	86	70 - 130	1	30		
Dichlorobromomethane	94	92	70 - 130	2	30		
1,3,5-Trimethylbenzene	88	86	70 - 130	2	30		
Chloromethane	97	98	70 - 130	1	30		
cis-1,2-Dichloroethene	96	92	70 - 130	4	30		
Vinyl chloride	108	111	70 - 130	2	30		
cis-1,3-Dichloropropene	85	86	70 - 130	1	30		
Ethylbenzene	88	105	70 - 130	18	30		
o-Xylene	88	86	70 - 130	3	30		
m-Xylene & p-Xylene	88	86	70 - 130	2	30		
Xylenes, Total	88	86	70 - 130	3	30		
2-Chlorotoluene	89	88	70 - 130	1	30		
4-Chlorotoluene	91	90	70 - 130	0	30		
Ethylene Dibromide	85	82	70 - 130	4	30		
Dibromomethane	90	86	70 - 130	6	30		
Dichlorodifluoromethane	111	108	70 - 130	3	30		
4-Isopropyltoluene	88	86	70 - 130	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	101	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	98	94	70 - 130
4-Bromofluorobenzene	98	97	70 - 130
Dibromofluoromethane (Surr)	104	102	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-264604

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264604/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-264604/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/22/2014 0855			Analysis Date:	11/22/2014 0921
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dibromo-3-Chloropropane	20.0	20.0	15.1	15.7
Acrylonitrile	200	200	180	169
1,2-Dichlorobenzene	20.0	20.0	17.6	17.2
Benzene	20.0	20.0	17.6	17.3
1,3-Dichlorobenzene	20.0	20.0	17.8	17.7
Bromobenzene	20.0	20.0	17.2	16.7
1,4-Dichlorobenzene	20.0	20.0	17.2	17.2
Bromoform	20.0	20.0	15.8	15.9
Bromomethane	20.0	20.0	21.2	22.0
1,1-Dichloroethane	20.0	20.0	19.4	19.0
Carbon disulfide	20.0	20.0	18.9	18.4
Carbon tetrachloride	20.0	20.0	19.3	19.0
1,1-Dichloroethene	20.0	20.0	17.8	17.8
Chlorobenzene	20.0	20.0	17.3	17.3
Chlorodibromomethane	20.0	20.0	17.2	16.9
Chloroethane	20.0	20.0	22.6	22.5
1,2-Dichloropropane	20.0	20.0	18.1	18.1
1,3-Dichloropropane	20.0	20.0	17.2	17.0
2,2-Dichloropropane	20.0	20.0	19.6	19.6
1,1-Dichloropropene	20.0	20.0	18.7	18.2
n-Butylbenzene	20.0	20.0	18.2	18.0
Hexachlorobutadiene	20.0	20.0	17.1	17.6
sec-Butylbenzene	20.0	20.0	17.8	17.6
Isopropylbenzene	20.0	20.0	18.2	18.1
Methylene Chloride	20.0	20.0	21.5	20.8
tert-Butylbenzene	20.0	20.0	17.3	17.1
Methyl tert-butyl ether	20.0	20.0	19.8	18.7
Naphthalene	20.0	20.0	16.4	16.7
N-Propylbenzene	20.0	20.0	17.9	17.7
Styrene	20.0	20.0	17.6	17.4
trans-1,2-Dichloroethene	20.0	20.0	19.0	18.3
1,1,1,2-Tetrachloroethane	20.0	20.0	18.0	17.7
trans-1,3-Dichloropropene	20.0	20.0	18.0	17.6
1,1,2,2-Tetrachloroethane	20.0	20.0	16.2	16.1
trans-1,4-Dichloro-2-butene	20.0	20.0	15.8	15.7
Toluene	20.0	20.0	17.8	17.7
Tetrachloroethene	20.0	20.0	17.1	16.8
Tetrahydrofuran	40.0	40.0	49.2	50.8
1,2,3-Trichlorobenzene	20.0	20.0	18.0	17.3

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-264604

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264604/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-264604/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/22/2014 0855			Analysis Date:	11/22/2014 0921
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	17.7	18.3
1,1,1-Trichloroethane	20.0	20.0	19.6	19.0
2-Butanone (MEK)	100	100	94.3	98.3
1,1,2-Trichloroethane	20.0	20.0	17.1	16.3
Chloroform	20.0	20.0	19.6	19.0
1,2-Dichloroethane	20.0	20.0	19.6	18.9
Trichloroethene	20.0	20.0	18.6	17.9
2-Hexanone	100	100	81.4	82.1
Trichlorofluoromethane	20.0	20.0	22.7	23.5
1,2,3-Trichloropropane	20.0	20.0	16.9	16.4
4-Methyl-2-pentanone (MIBK)	100	100	84.0	84.1
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	19.2	18.9
Acetone	100	100	101	101
1,2,4-Trimethylbenzene	20.0	20.0	17.2	17.1
Dichlorobromomethane	20.0	20.0	18.7	18.4
1,3,5-Trimethylbenzene	20.0	20.0	17.7	17.3
Chloromethane	20.0	20.0	19.3	19.6
cis-1,2-Dichloroethene	20.0	20.0	19.3	18.5
Vinyl chloride	20.0	20.0	21.7	22.2
cis-1,3-Dichloropropene	20.0	20.0	17.0	17.2
Ethylbenzene	20.0	20.0	17.6	21.1
o-Xylene	20.0	20.0	17.6	17.1
m-Xylene & p-Xylene	20.0	20.0	17.5	17.1
Xylenes, Total	40.0	40.0	35.2	34.3
2-Chlorotoluene	20.0	20.0	17.9	17.6
4-Chlorotoluene	20.0	20.0	18.1	18.1
Ethylene Dibromide	20.0	20.0	16.9	16.3
Dibromomethane	20.0	20.0	18.1	17.1
Dichlorodifluoromethane	20.0	20.0	22.1	21.5
4-Isopropyltoluene	20.0	20.0	17.5	17.2

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-264812 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-264812/7	Analysis Batch:	460-264812	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93400.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 0944	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acrylonitrile	50	U	50	50
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	1.0
1,2-Dichlorobenzene	1.0	U	1.0	1.0
Benzene	1.0	U	1.0	1.0
1,3-Dichlorobenzene	1.0	U	1.0	1.0
Bromobenzene	1.0	U	1.0	1.0
Bromoform	1.0	U	1.0	1.0
1,4-Dichlorobenzene	1.0	U	1.0	1.0
Bromomethane	1.0	U	1.0	1.0
Carbon disulfide	1.0	U	1.0	1.0
1,1-Dichloroethane	1.0	U	1.0	1.0
Carbon tetrachloride	1.0	U	1.0	1.0
Chlorobenzene	1.0	U	1.0	1.0
1,1-Dichloroethene	1.0	U	1.0	1.0
Chlorodibromomethane	1.0	U	1.0	1.0
Chloroethane	1.0	U	1.0	1.0
1,2-Dichloropropane	1.0	U	1.0	1.0
1,3-Dichloropropane	1.0	U	1.0	1.0
2,2-Dichloropropane	1.0	U	1.0	1.0
1,1-Dichloropropene	1.0	U	1.0	1.0
n-Butylbenzene	1.0	U	1.0	1.0
Hexachlorobutadiene	1.0	U	1.0	1.0
sec-Butylbenzene	1.0	U	1.0	1.0
Isopropylbenzene	1.0	U	1.0	1.0
tert-Butylbenzene	1.0	U	1.0	1.0
Methylene Chloride	1.0	U	1.0	1.0
Methyl tert-butyl ether	1.0	U	1.0	1.0
Naphthalene	1.0	U	1.0	1.0
N-Propylbenzene	1.0	U	1.0	1.0
Styrene	1.0	U	1.0	1.0
trans-1,2-Dichloroethene	1.0	U	1.0	1.0
trans-1,3-Dichloropropene	1.0	U	1.0	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0	1.0
trans-1,4-Dichloro-2-butene	1.0	U	1.0	1.0
1,1,2,2-Tetrachloroethane	1.0	U	1.0	1.0
Toluene	1.0	U	1.0	1.0
Tetrachloroethene	1.0	U	1.0	1.0
Tetrahydrofuran	2.0	U	2.0	2.0
1,2,3-Trichlorobenzene	1.0	U	1.0	1.0
1,2,4-Trichlorobenzene	1.0	U	1.0	1.0
1,1,1-Trichloroethane	1.0	U	1.0	1.0
2-Butanone (MEK)	10	U	10	10
Chloroform	1.0	U	1.0	1.0
1,1,2-Trichloroethane	1.0	U	1.0	1.0
1,2-Dichloroethane	1.0	U	1.0	1.0

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-264812 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-264812/7	Analysis Batch:	460-264812	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93400.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 0944	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Trichloroethene	1.0	U	1.0	1.0
2-Hexanone	10	U	10	10
Trichlorofluoromethane	1.0	U	1.0	1.0
1,2,3-Trichloropropane	1.0	U	1.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	10	10
Acetone	10	U	10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	1.0
Dichlorobromomethane	1.0	U	1.0	1.0
1,2,4-Trimethylbenzene	1.0	U	1.0	1.0
1,3,5-Trimethylbenzene	1.0	U	1.0	1.0
Chloromethane	1.0	U	1.0	1.0
Vinyl chloride	1.0	U	1.0	1.0
cis-1,2-Dichloroethene	1.0	U	1.0	1.0
cis-1,3-Dichloropropene	1.0	U	1.0	1.0
o-Xylene	1.0	U	1.0	1.0
Ethylbenzene	1.0	U	1.0	1.0
Xylenes, Total	2.0	U	2.0	2.0
m-Xylene & p-Xylene	1.0	U	1.0	1.0
2-Chlorotoluene	1.0	U	1.0	1.0
4-Chlorotoluene	1.0	U	1.0	1.0
Ethylene Dibromide	1.0	U	1.0	1.0
Dibromomethane	1.0	U	1.0	1.0
Dichlorodifluoromethane	1.0	U	1.0	1.0
4-Isopropyltoluene	1.0	U	1.0	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	70 - 130
Toluene-d8 (Surr)	96	70 - 130
4-Bromofluorobenzene	96	70 - 130
Dibromofluoromethane (Surr)	105	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-264812

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264812/4	Analysis Batch:	460-264812	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93397.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 0808	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-264812/5	Analysis Batch:	460-264812	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93398.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 0834	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	76	75	70 - 130	2	30		
Acrylonitrile	93	88	70 - 130	5	30		
1,2-Dichlorobenzene	90	86	70 - 130	4	30		
Benzene	86	86	70 - 130	0	30		
1,3-Dichlorobenzene	89	89	70 - 130	0	30		
Bromobenzene	88	85	70 - 130	3	30		
1,4-Dichlorobenzene	87	86	70 - 130	1	30		
Bromoform	81	77	70 - 130	5	30		
Bromomethane	114	100	70 - 130	13	30		
1,1-Dichloroethane	101	101	70 - 130	0	30		
Carbon disulfide	100	98	70 - 130	2	30		
Carbon tetrachloride	98	98	70 - 130	0	30		
1,1-Dichloroethene	98	98	70 - 130	0	30		
Chlorobenzene	88	87	70 - 130	1	30		
Chlorodibromomethane	85	84	70 - 130	1	30		
Chloroethane	117	118	70 - 130	1	30		
1,2-Dichloropropane	96	93	70 - 130	3	30		
1,3-Dichloropropane	83	81	70 - 130	2	30		
2,2-Dichloropropane	103	100	70 - 130	2	30		
1,1-Dichloropropene	97	96	70 - 130	1	30		
n-Butylbenzene	91	91	70 - 130	0	30		
Hexachlorobutadiene	84	88	70 - 130	4	30		
sec-Butylbenzene	91	89	70 - 130	2	30		
Isopropylbenzene	91	91	70 - 130	0	30		
Methylene Chloride	115	111	70 - 130	3	30		
tert-Butylbenzene	91	87	70 - 130	4	30		
Methyl tert-butyl ether	98	94	70 - 130	4	30		
Naphthalene	85	81	70 - 130	4	30		
N-Propylbenzene	90	90	70 - 130	0	30		
Styrene	89	87	70 - 130	2	30		
trans-1,2-Dichloroethene	101	98	70 - 130	2	30		
1,1,1,2-Tetrachloroethane	87	84	70 - 130	4	30		
trans-1,3-Dichloropropene	84	85	70 - 130	2	30		
1,1,2,2-Tetrachloroethane	81	75	70 - 130	8	30		
trans-1,4-Dichloro-2-butene	78	78	70 - 130	0	30		
Toluene	91	90	70 - 130	1	30		

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-264812

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264812/4	Analysis Batch:	460-264812	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93397.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 0808	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-264812/5	Analysis Batch:	460-264812	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93398.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 0834	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	84	85	70 - 130	2	30		
Tetrahydrofuran	117	121	70 - 130	3	30		
1,2,3-Trichlorobenzene	88	87	70 - 130	2	30		
1,2,4-Trichlorobenzene	89	89	70 - 130	1	30		
1,1,1-Trichloroethane	98	99	70 - 130	1	30		
2-Butanone (MEK)	95	89	70 - 130	7	30		
1,1,2-Trichloroethane	81	81	70 - 130	1	30		
Chloroform	100	99	70 - 130	1	30		
1,2-Dichloroethane	97	94	70 - 130	3	30		
Trichloroethene	96	93	70 - 130	2	30		
2-Hexanone	85	80	70 - 130	6	30		
Trichlorofluoromethane	120	119	70 - 130	1	30		
1,2,3-Trichloropropane	89	80	70 - 130	11	30		
4-Methyl-2-pentanone (MIBK)	85	78	70 - 130	8	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	102	100	70 - 130	2	30		
Acetone	98	102	70 - 130	4	30		
1,2,4-Trimethylbenzene	87	86	70 - 130	1	30		
Dichlorobromomethane	97	95	70 - 130	2	30		
1,3,5-Trimethylbenzene	88	88	70 - 130	1	30		
Chloromethane	108	110	70 - 130	2	30		
cis-1,2-Dichloroethene	100	98	70 - 130	3	30		
Vinyl chloride	120	120	70 - 130	0	30		
cis-1,3-Dichloropropene	84	85	70 - 130	1	30		
Ethylbenzene	85	87	70 - 130	2	30		
o-Xylene	89	86	70 - 130	3	30		
m-Xylene & p-Xylene	88	89	70 - 130	1	30		
Xylenes, Total	88	87	70 - 130	1	30		
2-Chlorotoluene	90	89	70 - 130	1	30		
4-Chlorotoluene	91	91	70 - 130	1	30		
Ethylene Dibromide	81	81	70 - 130	0	30		
Dibromomethane	92	88	70 - 130	5	30		
Dichlorodifluoromethane	118	117	70 - 130	2	30		
4-Isopropyltoluene	90	87	70 - 130	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	101	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	98	96	70 - 130
4-Bromofluorobenzene	99	95	70 - 130
Dibromofluoromethane (Surr)	108	105	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-264812

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264812/4	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-264812/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/24/2014 0808			Analysis Date:	11/24/2014 0834
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dibromo-3-Chloropropane	20.0	20.0	15.2	14.9
Acrylonitrile	200	200	186	177
1,2-Dichlorobenzene	20.0	20.0	17.9	17.3
Benzene	20.0	20.0	17.2	17.3
1,3-Dichlorobenzene	20.0	20.0	17.8	17.9
Bromobenzene	20.0	20.0	17.5	17.0
1,4-Dichlorobenzene	20.0	20.0	17.3	17.1
Bromoform	20.0	20.0	16.1	15.4
Bromomethane	20.0	20.0	22.9	20.1
1,1-Dichloroethane	20.0	20.0	20.3	20.2
Carbon disulfide	20.0	20.0	20.0	19.7
Carbon tetrachloride	20.0	20.0	19.5	19.5
1,1-Dichloroethene	20.0	20.0	19.7	19.7
Chlorobenzene	20.0	20.0	17.7	17.4
Chlorodibromomethane	20.0	20.0	17.0	16.8
Chloroethane	20.0	20.0	23.3	23.6
1,2-Dichloropropane	20.0	20.0	19.2	18.7
1,3-Dichloropropane	20.0	20.0	16.5	16.2
2,2-Dichloropropane	20.0	20.0	20.5	20.1
1,1-Dichloropropene	20.0	20.0	19.4	19.2
n-Butylbenzene	20.0	20.0	18.3	18.3
Hexachlorobutadiene	20.0	20.0	16.9	17.5
sec-Butylbenzene	20.0	20.0	18.3	17.9
Isopropylbenzene	20.0	20.0	18.3	18.2
Methylene Chloride	20.0	20.0	22.9	22.3
tert-Butylbenzene	20.0	20.0	18.2	17.4
Methyl tert-butyl ether	20.0	20.0	19.6	18.7
Naphthalene	20.0	20.0	16.9	16.3
N-Propylbenzene	20.0	20.0	18.1	18.1
Styrene	20.0	20.0	17.7	17.4
trans-1,2-Dichloroethene	20.0	20.0	20.1	19.7
1,1,1,2-Tetrachloroethane	20.0	20.0	17.4	16.7
trans-1,3-Dichloropropene	20.0	20.0	16.8	17.1
1,1,2,2-Tetrachloroethane	20.0	20.0	16.2	15.0
trans-1,4-Dichloro-2-butene	20.0	20.0	15.5	15.5
Toluene	20.0	20.0	18.1	17.9
Tetrachloroethene	20.0	20.0	16.8	17.1
Tetrahydrofuran	40.0	40.0	46.9	48.3
1,2,3-Trichlorobenzene	20.0	20.0	17.6	17.3

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-264812

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264812/4	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-264812/5
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/24/2014 0808			Analysis Date:	11/24/2014 0834
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	17.9	17.7
1,1,1-Trichloroethane	20.0	20.0	19.5	19.8
2-Butanone (MEK)	100	100	95.2	88.8
1,1,2-Trichloroethane	20.0	20.0	16.1	16.2
Chloroform	20.0	20.0	20.0	19.9
1,2-Dichloroethane	20.0	20.0	19.4	18.8
Trichloroethene	20.0	20.0	19.1	18.7
2-Hexanone	100	100	84.9	79.9
Trichlorofluoromethane	20.0	20.0	24.0	23.8
1,2,3-Trichloropropane	20.0	20.0	17.8	15.9
4-Methyl-2-pentanone (MIBK)	100	100	84.9	78.1
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	20.4	19.9
Acetone	100	100	98.2	102
1,2,4-Trimethylbenzene	20.0	20.0	17.4	17.3
Dichlorobromomethane	20.0	20.0	19.4	18.9
1,3,5-Trimethylbenzene	20.0	20.0	17.7	17.5
Chloromethane	20.0	20.0	21.5	21.9
cis-1,2-Dichloroethene	20.0	20.0	20.1	19.6
Vinyl chloride	20.0	20.0	24.0	24.0
cis-1,3-Dichloropropene	20.0	20.0	16.8	17.0
Ethylbenzene	20.0	20.0	17.1	17.3
o-Xylene	20.0	20.0	17.7	17.2
m-Xylene & p-Xylene	20.0	20.0	17.6	17.7
Xylenes, Total	40.0	40.0	35.3	34.9
2-Chlorotoluene	20.0	20.0	18.0	17.9
4-Chlorotoluene	20.0	20.0	18.2	18.1
Ethylene Dibromide	20.0	20.0	16.2	16.2
Dibromomethane	20.0	20.0	18.5	17.5
Dichlorodifluoromethane	20.0	20.0	23.7	23.3
4-Isopropyltoluene	20.0	20.0	18.0	17.5

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-264870 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-264870/7	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76406.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/24/2014 0842	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acrylonitrile	50	U	50	50
1,2-Dibromo-3-Chloropropane	25	U	25	25
1,2-Dichlorobenzene	25	U	25	25
Benzene	25	U	25	25
1,3-Dichlorobenzene	25	U	25	25
Bromobenzene	25	U	25	25
Bromoform	25	U	25	25
1,4-Dichlorobenzene	25	U	25	25
Bromomethane	25	U	25	25
Carbon disulfide	25	U	25	25
1,1-Dichloroethane	25	U	25	25
Carbon tetrachloride	25	U	25	25
Chlorobenzene	25	U	25	25
1,1-Dichloroethene	25	U	25	25
Chlorodibromomethane	25	U	25	25
Chloroethane	25	U	25	25
1,2-Dichloropropane	25	U	25	25
1,3-Dichloropropane	25	U	25	25
2,2-Dichloropropane	25	U	25	25
1,1-Dichloropropene	25	U	25	25
n-Butylbenzene	25	U	25	25
Hexachlorobutadiene	25	U	25	25
sec-Butylbenzene	25	U	25	25
Isopropylbenzene	25	U	25	25
tert-Butylbenzene	25	U	25	25
Methylene Chloride	25	U	25	25
Methyl tert-butyl ether	25	U	25	25
Naphthalene	50	U	50	50
N-Propylbenzene	25	U	25	25
Styrene	25	U	25	25
trans-1,2-Dichloroethene	25	U	25	25
trans-1,3-Dichloropropene	25	U	25	25
1,1,1,2-Tetrachloroethane	25	U	25	25
trans-1,4-Dichloro-2-butene	25	U	25	25
1,1,2,2-Tetrachloroethane	25	U	25	25
Toluene	25	U	25	25
Tetrachloroethene	25	U	25	25
Tetrahydrofuran	25	U	25	25
1,2,3-Trichlorobenzene	50	U	50	50
1,2,4-Trichlorobenzene	25	U	25	25
1,1,1-Trichloroethane	25	U	25	25
2-Butanone (MEK)	50	U	50	50
Chloroform	25	U	25	25
1,1,2-Trichloroethane	25	U	25	25
1,2-Dichloroethane	25	U	25	25

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-264870 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-264870/7	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76406.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/24/2014 0842	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Trichloroethene	25	U	25	25
2-Hexanone	50	U	50	50
Trichlorofluoromethane	25	U	25	25
1,2,3-Trichloropropane	25	U	25	25
4-Methyl-2-pentanone (MIBK)	50	U	50	50
Acetone	130	U	130	130
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	25	25
Dichlorobromomethane	25	U	25	25
1,2,4-Trimethylbenzene	25	U	25	25
1,3,5-Trimethylbenzene	25	U	25	25
Chloromethane	25	U	25	25
Vinyl chloride	25	U	25	25
cis-1,2-Dichloroethene	25	U	25	25
cis-1,3-Dichloropropene	25	U	25	25
o-Xylene	25	U	25	25
Ethylbenzene	25	U	25	25
Xylenes, Total	50	U	50	50
m-Xylene & p-Xylene	25	U	25	25
2-Chlorotoluene	25	U	25	25
4-Chlorotoluene	25	U	25	25
Ethylene Dibromide	25	U	25	25
Dibromomethane	25	U	25	25
Dichlorodifluoromethane	25	U	25	25
4-Isopropyltoluene	25	U	25	25

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	70 - 130
Toluene-d8 (Surr)	94	70 - 130
4-Bromofluorobenzene	95	70 - 130
Dibromofluoromethane (Surr)	97	70 - 130

Lab Control Sample - Batch: 460-264870 **Method: 8260**
Preparation: N/A

Lab Sample ID:	LCS 460-264870/5	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76404.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/24/2014 0753	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acrylonitrile	10000	8300	83	70 - 130	
1,2-Dibromo-3-Chloropropane	1000	628	63	70 - 130	*
1,2-Dichlorobenzene	1000	856	86	70 - 130	
Benzene	1000	807	81	70 - 130	
1,3-Dichlorobenzene	1000	860	86	70 - 130	
Bromobenzene	1000	880	88	70 - 130	
Bromoform	1000	845	84	70 - 130	
1,4-Dichlorobenzene	1000	830	83	70 - 130	
Bromomethane	1000	890	89	70 - 130	
Carbon disulfide	1000	772	77	70 - 130	
1,1-Dichloroethane	1000	837	84	70 - 130	
Carbon tetrachloride	1000	870	87	70 - 130	
Chlorobenzene	1000	859	86	70 - 130	
1,1-Dichloroethene	1000	805	81	70 - 130	
Chlorodibromomethane	1000	874	87	70 - 130	
Chloroethane	1000	947	95	70 - 130	
1,2-Dichloropropane	1000	854	85	70 - 130	
1,3-Dichloropropane	1000	819	82	70 - 130	
2,2-Dichloropropane	1000	845	85	70 - 130	
1,1-Dichloropropene	1000	814	81	70 - 130	
n-Butylbenzene	1000	861	86	70 - 130	
Hexachlorobutadiene	1000	813	81	70 - 130	
sec-Butylbenzene	1000	873	87	70 - 130	
Isopropylbenzene	1000	865	86	70 - 130	
tert-Butylbenzene	1000	882	88	70 - 130	
Methylene Chloride	1000	859	86	70 - 130	
Methyl tert-butyl ether	1000	868	87	70 - 130	
Naphthalene	1000	784	78	70 - 130	
N-Propylbenzene	1000	842	84	70 - 130	
Styrene	1000	897	90	70 - 130	
trans-1,2-Dichloroethene	1000	867	87	70 - 130	
trans-1,3-Dichloropropene	1000	860	86	70 - 130	
1,1,1,2-Tetrachloroethane	1000	821	82	70 - 130	
trans-1,4-Dichloro-2-butene	1000	705	71	70 - 130	
1,1,2,2-Tetrachloroethane	1000	858	86	70 - 130	
Toluene	1000	869	87	70 - 130	
Tetrachloroethene	1000	869	87	70 - 130	
Tetrahydrofuran	2000	1910	95	70 - 130	
1,2,3-Trichlorobenzene	1000	1000	100	70 - 130	
1,2,4-Trichlorobenzene	1000	776	78	70 - 130	
1,1,1-Trichloroethane	1000	872	87	70 - 130	
2-Butanone (MEK)	5000	4810	96	70 - 130	
Chloroform	1000	892	89	70 - 130	
1,1,2-Trichloroethane	1000	811	81	70 - 130	
1,2-Dichloroethane	1000	833	83	70 - 130	
Trichloroethene	1000	879	88	70 - 130	

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample - Batch: 460-264870

Method: 8260
Preparation: N/A

Lab Sample ID:	LCS 460-264870/5	Analysis Batch:	460-264870	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76404.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/24/2014 0753	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Hexanone	5000	4600	92	70 - 130	
Trichlorofluoromethane	1000	997	100	70 - 130	
1,2,3-Trichloropropane	1000	811	81	70 - 130	
4-Methyl-2-pentanone (MIBK)	5000	4600	92	70 - 130	
Acetone	5000	5350	107	70 - 130	
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	867	87	70 - 130	
Dichlorobromomethane	1000	871	87	70 - 130	
1,2,4-Trimethylbenzene	1000	874	87	70 - 130	
1,3,5-Trimethylbenzene	1000	877	88	70 - 130	
Chloromethane	1000	871	87	70 - 130	
Vinyl chloride	1000	828	83	70 - 130	
cis-1,2-Dichloroethene	1000	866	87	70 - 130	
cis-1,3-Dichloropropene	1000	867	87	70 - 130	
o-Xylene	1000	876	88	70 - 130	
Ethylbenzene	1000	851	85	70 - 130	
Xylenes, Total	2000	1770	88	70 - 130	
m-Xylene & p-Xylene	1000	891	89	70 - 130	
2-Chlorotoluene	1000	868	87	70 - 130	
4-Chlorotoluene	1000	838	84	70 - 130	
Ethylene Dibromide	1000	886	89	70 - 130	
Dibromomethane	1000	858	86	70 - 130	
Dichlorodifluoromethane	1000	963	96	70 - 130	
4-Isopropyltoluene	1000	887	89	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	70 - 130
Toluene-d8 (Surr)	94	70 - 130
4-Bromofluorobenzene	98	70 - 130
Dibromofluoromethane (Surr)	99	70 - 130

Method Blank - Batch: 460-264982

Method: 8260
Preparation: N/A

Lab Sample ID:	MB 460-264982/6	Analysis Batch:	460-264982	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93423.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 2000	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acrylonitrile	50	U	50	50
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	1.0
1,2-Dichlorobenzene	1.0	U	1.0	1.0
Benzene	1.0	U	1.0	1.0
1,3-Dichlorobenzene	1.0	U	1.0	1.0
Bromobenzene	1.0	U	1.0	1.0
Bromoform	1.0	U	1.0	1.0
1,4-Dichlorobenzene	1.0	U	1.0	1.0
Bromomethane	1.0	U	1.0	1.0
Carbon disulfide	1.0	U	1.0	1.0
1,1-Dichloroethane	1.0	U	1.0	1.0
Carbon tetrachloride	1.0	U	1.0	1.0
Chlorobenzene	1.0	U	1.0	1.0
1,1-Dichloroethene	1.0	U	1.0	1.0
Chlorodibromomethane	1.0	U	1.0	1.0
Chloroethane	1.0	U	1.0	1.0
1,2-Dichloropropane	1.0	U	1.0	1.0
1,3-Dichloropropane	1.0	U	1.0	1.0
2,2-Dichloropropane	1.0	U	1.0	1.0
1,1-Dichloropropene	1.0	U	1.0	1.0
n-Butylbenzene	1.0	U	1.0	1.0
Hexachlorobutadiene	1.0	U	1.0	1.0
sec-Butylbenzene	1.0	U	1.0	1.0
Isopropylbenzene	1.0	U	1.0	1.0
tert-Butylbenzene	1.0	U	1.0	1.0
Methylene Chloride	1.0	U	1.0	1.0
Methyl tert-butyl ether	1.0	U	1.0	1.0
Naphthalene	1.0	U	1.0	1.0
N-Propylbenzene	1.0	U	1.0	1.0
Styrene	1.0	U	1.0	1.0
trans-1,2-Dichloroethene	1.0	U	1.0	1.0
trans-1,3-Dichloropropene	1.0	U	1.0	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0	1.0
trans-1,4-Dichloro-2-butene	1.0	U	1.0	1.0
1,1,2,2-Tetrachloroethane	1.0	U	1.0	1.0
Toluene	1.0	U	1.0	1.0
Tetrachloroethene	1.0	U	1.0	1.0
Tetrahydrofuran	2.0	U	2.0	2.0
1,2,3-Trichlorobenzene	1.0	U	1.0	1.0
1,2,4-Trichlorobenzene	1.0	U	1.0	1.0
1,1,1-Trichloroethane	1.0	U	1.0	1.0
2-Butanone (MEK)	10	U	10	10
Chloroform	1.0	U	1.0	1.0
1,1,2-Trichloroethane	1.0	U	1.0	1.0
1,2-Dichloroethane	1.0	U	1.0	1.0

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-264982 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-264982/6	Analysis Batch:	460-264982	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93423.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 2000	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Trichloroethene	1.0	U	1.0	1.0
2-Hexanone	10	U	10	10
Trichlorofluoromethane	1.0	U	1.0	1.0
1,2,3-Trichloropropane	1.0	U	1.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	10	10
Acetone	10	U	10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	1.0
Dichlorobromomethane	1.0	U	1.0	1.0
1,2,4-Trimethylbenzene	1.0	U	1.0	1.0
1,3,5-Trimethylbenzene	1.0	U	1.0	1.0
Chloromethane	1.0	U	1.0	1.0
Vinyl chloride	1.0	U	1.0	1.0
cis-1,2-Dichloroethene	1.0	U	1.0	1.0
cis-1,3-Dichloropropene	1.0	U	1.0	1.0
o-Xylene	1.0	U	1.0	1.0
Ethylbenzene	1.0	U	1.0	1.0
Xylenes, Total	2.0	U	2.0	2.0
m-Xylene & p-Xylene	1.0	U	1.0	1.0
2-Chlorotoluene	1.0	U	1.0	1.0
4-Chlorotoluene	1.0	U	1.0	1.0
Ethylene Dibromide	1.0	U	1.0	1.0
Dibromomethane	1.0	U	1.0	1.0
Dichlorodifluoromethane	1.0	U	1.0	1.0
4-Isopropyltoluene	1.0	U	1.0	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
Toluene-d8 (Surr)	86	70 - 130
4-Bromofluorobenzene	91	70 - 130
Dibromofluoromethane (Surr)	101	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-264982

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264982/3	Analysis Batch:	460-264982	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93420.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 1828	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-264982/4	Analysis Batch:	460-264982	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93421.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 1854	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	77	74	70 - 130	3	30		
Acrylonitrile	94	86	70 - 130	9	30		
1,2-Dichlorobenzene	92	89	70 - 130	3	30		
Benzene	93	86	70 - 130	8	30		
1,3-Dichlorobenzene	92	87	70 - 130	6	30		
Bromobenzene	90	84	70 - 130	8	30		
1,4-Dichlorobenzene	90	84	70 - 130	7	30		
Bromoform	82	80	70 - 130	2	30		
Bromomethane	95	114	70 - 130	18	30		
1,1-Dichloroethane	102	98	70 - 130	4	30		
Carbon disulfide	100	95	70 - 130	5	30		
Carbon tetrachloride	102	97	70 - 130	6	30		
1,1-Dichloroethene	98	93	70 - 130	5	30		
Chlorobenzene	92	85	70 - 130	8	30		
Chlorodibromomethane	91	84	70 - 130	9	30		
Chloroethane	117	109	70 - 130	7	30		
1,2-Dichloropropane	95	93	70 - 130	3	30		
1,3-Dichloropropane	88	83	70 - 130	6	30		
2,2-Dichloropropane	103	96	70 - 130	7	30		
1,1-Dichloropropene	101	95	70 - 130	5	30		
n-Butylbenzene	94	90	70 - 130	4	30		
Hexachlorobutadiene	89	85	70 - 130	4	30		
sec-Butylbenzene	93	88	70 - 130	6	30		
Isopropylbenzene	96	90	70 - 130	7	30		
Methylene Chloride	111	107	70 - 130	3	30		
tert-Butylbenzene	91	87	70 - 130	4	30		
Methyl tert-butyl ether	102	95	70 - 130	7	30		
Naphthalene	88	82	70 - 130	7	30		
N-Propylbenzene	93	89	70 - 130	5	30		
Styrene	92	85	70 - 130	9	30		
trans-1,2-Dichloroethene	100	97	70 - 130	3	30		
1,1,1,2-Tetrachloroethane	94	86	70 - 130	9	30		
trans-1,3-Dichloropropene	96	88	70 - 130	8	30		
1,1,2,2-Tetrachloroethane	84	79	70 - 130	6	30		
trans-1,4-Dichloro-2-butene	81	79	70 - 130	3	30		
Toluene	96	89	70 - 130	8	30		

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-264982

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264982/3	Analysis Batch:	460-264982	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93420.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 1828	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-264982/4	Analysis Batch:	460-264982	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93421.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/24/2014 1854	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	92	83	70 - 130	9	30		
Tetrahydrofuran	120	115	70 - 130	4	30		
1,2,3-Trichlorobenzene	93	85	70 - 130	9	30		
1,2,4-Trichlorobenzene	95	88	70 - 130	9	30		
1,1,1-Trichloroethane	101	95	70 - 130	7	30		
2-Butanone (MEK)	106	96	70 - 130	10	30		
1,1,2-Trichloroethane	89	82	70 - 130	8	30		
Chloroform	104	95	70 - 130	10	30		
1,2-Dichloroethane	102	92	70 - 130	10	30		
Trichloroethene	98	92	70 - 130	6	30		
2-Hexanone	89	81	70 - 130	10	30		
Trichlorofluoromethane	120	112	70 - 130	7	30		
1,2,3-Trichloropropane	81	80	70 - 130	1	30		
4-Methyl-2-pentanone (MIBK)	88	82	70 - 130	8	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	100	96	70 - 130	4	30		
Acetone	112	99	70 - 130	13	30		
1,2,4-Trimethylbenzene	90	85	70 - 130	6	30		
Dichlorobromomethane	99	93	70 - 130	6	30		
1,3,5-Trimethylbenzene	91	86	70 - 130	6	30		
Chloromethane	102	94	70 - 130	8	30		
cis-1,2-Dichloroethene	101	96	70 - 130	6	30		
Vinyl chloride	118	109	70 - 130	8	30		
cis-1,3-Dichloropropene	92	84	70 - 130	9	30		
Ethylbenzene	93	84	70 - 130	10	30		
o-Xylene	94	87	70 - 130	8	30		
m-Xylene & p-Xylene	93	85	70 - 130	9	30		
Xylenes, Total	94	86	70 - 130	8	30		
2-Chlorotoluene	92	86	70 - 130	7	30		
4-Chlorotoluene	94	88	70 - 130	7	30		
Ethylene Dibromide	88	82	70 - 130	7	30		
Dibromomethane	98	90	70 - 130	9	30		
Dichlorodifluoromethane	114	106	70 - 130	7	30		
4-Isopropyltoluene	91	88	70 - 130	3	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	110	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	99	101	70 - 130
4-Bromofluorobenzene	100	103	70 - 130
Dibromofluoromethane (Surr)	105	110	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-264982

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264982/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-264982/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/24/2014 1828			Analysis Date:	11/24/2014 1854
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dibromo-3-Chloropropane	20.0	20.0	15.3	14.9
Acrylonitrile	200	200	188	171
1,2-Dichlorobenzene	20.0	20.0	18.4	17.8
Benzene	20.0	20.0	18.6	17.1
1,3-Dichlorobenzene	20.0	20.0	18.5	17.3
Bromobenzene	20.0	20.0	18.0	16.7
1,4-Dichlorobenzene	20.0	20.0	18.0	16.8
Bromoform	20.0	20.0	16.3	15.9
Bromomethane	20.0	20.0	19.1	22.8
1,1-Dichloroethane	20.0	20.0	20.3	19.6
Carbon disulfide	20.0	20.0	20.1	19.1
Carbon tetrachloride	20.0	20.0	20.4	19.3
1,1-Dichloroethene	20.0	20.0	19.6	18.6
Chlorobenzene	20.0	20.0	18.3	17.0
Chlorodibromomethane	20.0	20.0	18.3	16.7
Chloroethane	20.0	20.0	23.5	21.9
1,2-Dichloropropane	20.0	20.0	19.1	18.6
1,3-Dichloropropane	20.0	20.0	17.6	16.5
2,2-Dichloropropane	20.0	20.0	20.5	19.2
1,1-Dichloropropene	20.0	20.0	20.1	19.1
n-Butylbenzene	20.0	20.0	18.8	17.9
Hexachlorobutadiene	20.0	20.0	17.8	17.1
sec-Butylbenzene	20.0	20.0	18.7	17.6
Isopropylbenzene	20.0	20.0	19.2	18.0
Methylene Chloride	20.0	20.0	22.1	21.4
tert-Butylbenzene	20.0	20.0	18.1	17.4
Methyl tert-butyl ether	20.0	20.0	20.3	18.9
Naphthalene	20.0	20.0	17.7	16.5
N-Propylbenzene	20.0	20.0	18.7	17.7
Styrene	20.0	20.0	18.5	16.9
trans-1,2-Dichloroethene	20.0	20.0	20.0	19.4
1,1,1,2-Tetrachloroethane	20.0	20.0	18.9	17.2
trans-1,3-Dichloropropene	20.0	20.0	19.2	17.7
1,1,2,2-Tetrachloroethane	20.0	20.0	16.8	15.8
trans-1,4-Dichloro-2-butene	20.0	20.0	16.3	15.7
Toluene	20.0	20.0	19.2	17.7
Tetrachloroethene	20.0	20.0	18.3	16.7
Tetrahydrofuran	40.0	40.0	47.9	46.1
1,2,3-Trichlorobenzene	20.0	20.0	18.5	17.0

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-264982

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264982/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-264982/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/24/2014 1828			Analysis Date:	11/24/2014 1854
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	19.1	17.5
1,1,1-Trichloroethane	20.0	20.0	20.3	18.9
2-Butanone (MEK)	100	100	106	95.9
1,1,2-Trichloroethane	20.0	20.0	17.8	16.3
Chloroform	20.0	20.0	20.9	19.0
1,2-Dichloroethane	20.0	20.0	20.3	18.5
Trichloroethene	20.0	20.0	19.7	18.5
2-Hexanone	100	100	89.3	81.2
Trichlorofluoromethane	20.0	20.0	24.1	22.4
1,2,3-Trichloropropane	20.0	20.0	16.2	16.0
4-Methyl-2-pentanone (MIBK)	100	100	88.4	81.7
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	20.0	19.2
Acetone	100	100	112	98.6
1,2,4-Trimethylbenzene	20.0	20.0	18.1	17.1
Dichlorobromomethane	20.0	20.0	19.9	18.7
1,3,5-Trimethylbenzene	20.0	20.0	18.2	17.2
Chloromethane	20.0	20.0	20.4	18.9
cis-1,2-Dichloroethene	20.0	20.0	20.3	19.1
Vinyl chloride	20.0	20.0	23.6	21.8
cis-1,3-Dichloropropene	20.0	20.0	18.3	16.8
Ethylbenzene	20.0	20.0	18.6	16.8
o-Xylene	20.0	20.0	18.8	17.4
m-Xylene & p-Xylene	20.0	20.0	18.6	17.0
Xylenes, Total	40.0	40.0	37.4	34.4
2-Chlorotoluene	20.0	20.0	18.5	17.2
4-Chlorotoluene	20.0	20.0	18.8	17.6
Ethylene Dibromide	20.0	20.0	17.6	16.3
Dibromomethane	20.0	20.0	19.6	17.9
Dichlorodifluoromethane	20.0	20.0	22.8	21.3
4-Isopropyltoluene	20.0	20.0	18.1	17.6

Method Blank - Batch: 460-262452 **Method: 8270**
Preparation: 3546

Lab Sample ID:	MB 460-262452/1-A	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-262452	Lab File ID:	x7215.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0336 g
Analysis Date:	11/22/2014 2019	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acenaphthylene	330	U	330	330
Acenaphthene	330	U	330	330
Anthracene	330	U	330	330
Benzo[a]anthracene	33	U	33	33
Benzo[b]fluoranthene	33	U	33	33
Benzo[g,h,i]perylene	330	U	330	330
Benzo[k]fluoranthene	33	U	33	33
Benzo[a]pyrene	33	U	33	33
Aniline	330	U	330	330
Bis(2-chloroethyl)ether	33	U	33	33
Bis(2-ethylhexyl) phthalate	330	U	330	330
Chrysene	330	U	330	330
4-Bromophenyl phenyl ether	330	U	330	330
Butyl benzyl phthalate	330	U	330	330
Carbazole	330	U	330	330
Dibenz(a,h)anthracene	33	U	33	33
4-Chloroaniline	330	U	330	330
2-Chloronaphthalene	330	U	330	330
2-Chlorophenol	330	U	330	330
4-Chlorophenyl phenyl ether	330	U	330	330
Dibenzofuran	330	U	330	330
3,3'-Dichlorobenzidine	130	U	130	130
2,4-Dichlorophenol	130	U	130	130
Diethyl phthalate	330	U	330	330
2,4-Dimethylphenol	330	U	330	330
Dimethyl phthalate	330	U	330	330
Di-n-butyl phthalate	330	U	330	330
2,4-Dinitrophenol	270	U	270	270
Fluoranthene	330	U	330	330
2,4-Dinitrotoluene	67	U	67	67
Fluorene	330	U	330	330
2,6-Dinitrotoluene	67	U	67	67
Di-n-octyl phthalate	330	U	330	330
Hexachlorobenzene	33	U	33	33
Hexachlorobutadiene	67	U	67	67
Indeno[1,2,3-cd]pyrene	33	U	33	33
Hexachlorocyclopentadiene	330	U	330	330
Hexachloroethane	33	U	33	33
Isophorone	130	U	130	130
2-Methylnaphthalene	330	U	330	330
2-Methylphenol	330	U	330	330
4-Methylphenol	330	U	330	330
Naphthalene	330	U	330	330
2-Nitroaniline	330	U	330	330
3-Nitroaniline	330	U	330	330

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-262452

Method: 8270
Preparation: 3546

Lab Sample ID:	MB 460-262452/1-A	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-262452	Lab File ID:	x7215.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0336 g
Analysis Date:	11/22/2014 2019	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
4-Nitroaniline	330	U	330	330
Nitrobenzene	33	U	33	33
2-Nitrophenol	330	U	330	330
N-Nitrosodiphenylamine	330	U	330	330
N-Nitrosodi-n-propylamine	33	U	33	33
Pentachlorophenol	270	U	270	270
Phenanthrene	330	U	330	330
Phenol	330	U	330	330
Pyrene	330	U	330	330
Pyridine	330	U	330	330
2,2'-oxybis[1-chloropropane]	330	U	330	330
1,2,4,5-Tetrachlorobenzene	330	U	330	330
1,2,4-Trichlorobenzene	33	U	33	33
4,6-Dinitro-2-methylphenol	270	U	270	270
2,4,5-Trichlorophenol	330	U	330	330
4-Chloro-3-methylphenol	330	U	330	330
4-Nitrophenol	670	U	670	670
2,4,6-Trichlorophenol	130	U	130	130
Bis(2-chloroethoxy)methane	330	U	330	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	91	30 - 130
Phenol-d5 (Surr)	88	30 - 130
Terphenyl-d14 (Surr)	100	30 - 130
2,4,6-Tribromophenol (Surr)	79	30 - 130
2-Fluorophenol (Surr)	87	30 - 130
2-Fluorobiphenyl	81	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample - Batch: 460-262452

Method: 8270
Preparation: 3546

Lab Sample ID:	LCS 460-262452/2-A	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-262452	Lab File ID:	x7216.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0328 g
Analysis Date:	11/22/2014 2042	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthylene	3330	2850	86	40 - 140	
Acenaphthene	3330	3060	92	40 - 140	
Anthracene	3330	2960	89	40 - 140	
Benzo[a]anthracene	3330	3190	96	40 - 140	
Benzo[b]fluoranthene	3330	3190	96	40 - 140	
Benzo[g,h,i]perylene	3330	3320	100	40 - 140	
Benzo[k]fluoranthene	3330	3090	93	40 - 140	
Benzo[a]pyrene	3330	3170	95	40 - 140	
Aniline	3330	2240	67	40 - 140	
Bis(2-chloroethyl)ether	3330	2730	82	40 - 140	
Bis(2-ethylhexyl) phthalate	3330	3460	104	40 - 140	
Chrysene	3330	3120	94	40 - 140	
4-Bromophenyl phenyl ether	3330	3190	96	40 - 140	
Butyl benzyl phthalate	3330	3440	103	40 - 140	
Carbazole	3330	3080	93	40 - 140	
Dibenz(a,h)anthracene	3330	3550	107	40 - 140	
4-Chloroaniline	3330	1810	55	40 - 140	
2-Chloronaphthalene	3330	2910	88	40 - 140	
2-Chlorophenol	3330	2700	81	30 - 130	
4-Chlorophenyl phenyl ether	3330	3010	91	40 - 140	
Dibenzofuran	3330	2880	87	40 - 140	
3,3'-Dichlorobenzidine	3330	1980	60	40 - 140	
2,4-Dichlorophenol	3330	2680	81	30 - 130	
Diethyl phthalate	3330	3080	93	40 - 140	
2,4-Dimethylphenol	3330	2740	82	30 - 130	
Dimethyl phthalate	3330	3070	92	40 - 140	
Di-n-butyl phthalate	3330	3320	100	40 - 140	
2,4-Dinitrophenol	6650	5850	88	30 - 130	
Fluoranthene	3330	3070	92	40 - 140	
2,4-Dinitrotoluene	3330	3170	95	40 - 140	
Fluorene	3330	3200	96	40 - 140	
2,6-Dinitrotoluene	3330	3030	91	40 - 140	
Di-n-octyl phthalate	3330	3390	102	40 - 140	
Hexachlorobenzene	3330	2890	87	40 - 140	
Hexachlorobutadiene	3330	2490	75	40 - 140	
Indeno[1,2,3-cd]pyrene	3330	3610	109	40 - 140	
Hexachlorocyclopentadiene	3330	2710	81	40 - 140	
Hexachloroethane	3330	2520	76	40 - 140	
Isophorone	3330	2820	85	40 - 140	
2-Methylnaphthalene	3330	2970	89	40 - 140	
2-Methylphenol	3330	2800	84	30 - 130	
4-Methylphenol	3330	2990	90	30 - 130	
Naphthalene	3330	2920	88	40 - 140	
2-Nitroaniline	3330	2940	89	40 - 140	
3-Nitroaniline	3330	1850	56	40 - 140	
4-Nitroaniline	3330	2720	82	40 - 140	

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample - Batch: 460-262452

Method: 8270
Preparation: 3546

Lab Sample ID:	LCS 460-262452/2-A	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-262452	Lab File ID:	x7216.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0328 g
Analysis Date:	11/22/2014 2042	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrobenzene	3330	2400	72	40 - 140	
2-Nitrophenol	3330	2860	86	30 - 130	
N-Nitrosodiphenylamine	3330	3420	103	40 - 140	
N-Nitrosodi-n-propylamine	3330	2390	72	40 - 140	
Pentachlorophenol	6650	5880	88	30 - 130	
Phenanthrene	3330	2970	89	40 - 140	
Phenol	3330	2700	81	30 - 130	
Pyrene	3330	2960	89	40 - 140	
Pyridine	3330	2610	79	40 - 140	
2,2'-oxybis[1-chloropropane]	3330	2790	84	40 - 140	
1,2,4,5-Tetrachlorobenzene	3330	3150	95	40 - 140	
1,2,4-Trichlorobenzene	3330	2630	79	40 - 140	
4,6-Dinitro-2-methylphenol	6650	6670	100	30 - 130	
2,4,5-Trichlorophenol	3330	2780	84	30 - 130	
4-Chloro-3-methylphenol	3330	2880	87	30 - 130	
4-Nitrophenol	6650	6020	91	30 - 130	
2,4,6-Trichlorophenol	3330	3000	90	30 - 130	
Bis(2-chloroethoxy)methane	3330	2880	87	40 - 140	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	79	30 - 130
Phenol-d5 (Surr)	77	30 - 130
Terphenyl-d14 (Surr)	89	30 - 130
2,4,6-Tribromophenol (Surr)	83	30 - 130
2-Fluorophenol (Surr)	76	30 - 130
2-Fluorobiphenyl	81	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262452

Method: 8270
Preparation: 3546

MS Lab Sample ID:	460-86076-15	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-262452	Lab File ID:	x7219.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.9750 g
Analysis Date:	11/22/2014 2151			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-86076-15	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-262452	Lab File ID:	x7220.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0328 g
Analysis Date:	11/22/2014 2214			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthylene	88	84	40 - 140	5	30		
Acenaphthene	92	89	40 - 140	4	30		
Anthracene	93	92	40 - 140	1	30		
Benzo[a]anthracene	96	97	40 - 140	1	30		
Benzo[b]fluoranthene	98	99	40 - 140	1	30		
Benzo[g,h,i]perylene	101	103	40 - 140	2	30		
Benzo[k]fluoranthene	95	96	40 - 140	0	30		
Benzo[a]pyrene	98	98	40 - 140	0	30		
Aniline	64	62	40 - 140	2	30		
Bis(2-chloroethyl)ether	80	74	40 - 140	7	30		
Bis(2-ethylhexyl) phthalate	105	106	40 - 140	0	30		
4-Bromophenyl phenyl ether	98	98	40 - 140	1	30		
Chrysene	96	95	40 - 140	1	30		
Butyl benzyl phthalate	103	103	40 - 140	1	30		
Carbazole	95	92	40 - 140	3	30		
Dibenz(a,h)anthracene	108	111	40 - 140	2	30		
4-Chloroaniline	60	66	40 - 140	9	30		
2-Chloronaphthalene	90	86	40 - 140	5	30		
2-Chlorophenol	79	78	30 - 130	2	30		
4-Chlorophenyl phenyl ether	98	94	40 - 140	5	30		
Dibenzofuran	88	85	40 - 140	3	30		
3,3'-Dichlorobenzidine	71	74	40 - 140	4	30		
2,4-Dichlorophenol	81	80	30 - 130	1	30		
Diethyl phthalate	95	93	40 - 140	2	30		
2,4-Dimethylphenol	84	78	30 - 130	7	30		
Dimethyl phthalate	94	90	40 - 140	4	30		
Di-n-butyl phthalate	101	99	40 - 140	3	30		
2,4-Dinitrophenol	44	63	30 - 130	35	30		F2
Fluoranthene	95	92	40 - 140	4	30		
2,4-Dinitrotoluene	95	92	40 - 140	4	30		
Fluorene	101	97	40 - 140	4	30		
2,6-Dinitrotoluene	92	90	40 - 140	2	30		
Di-n-octyl phthalate	100	102	40 - 140	2	30		

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262452

Method: 8270
Preparation: 3546

MS Lab Sample ID:	460-86076-15	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-262452	Lab File ID:	x7219.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	14.9750 g
Analysis Date:	11/22/2014 2151			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-86076-15	Analysis Batch:	460-264643	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-262452	Lab File ID:	x7220.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0328 g
Analysis Date:	11/22/2014 2214			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1218			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Hexachlorobenzene	89	90	40 - 140	1	30		
Hexachlorobutadiene	78	72	40 - 140	9	30		
Hexachlorocyclopentadiene	84	79	40 - 140	7	30		
Indeno[1,2,3-cd]pyrene	105	112	40 - 140	6	30		
Hexachloroethane	75	70	40 - 140	7	30		
2-Methylnaphthalene	91	86	40 - 140	7	30		
Isophorone	84	80	40 - 140	6	30		
2-Methylphenol	78	76	30 - 130	2	30		
4-Methylphenol	88	90	30 - 130	1	30		
Naphthalene	90	83	40 - 140	8	30		
2-Nitroaniline	88	87	40 - 140	2	30		
3-Nitroaniline	67	69	40 - 140	3	30		
4-Nitroaniline	81	78	40 - 140	4	30		
Nitrobenzene	73	69	40 - 140	5	30		
2-Nitrophenol	85	82	30 - 130	4	30		
N-Nitrosodiphenylamine	102	105	40 - 140	3	30		
N-Nitrosodi-n-propylamine	70	68	40 - 140	4	30		
Pentachlorophenol	84	87	30 - 130	3	30		
Phenanthrene	92	91	40 - 140	2	30		
Phenol	79	78	30 - 130	2	30		
Pyrene	88	88	40 - 140	0	30		
Pyridine	61	56	40 - 140	8	30		
1,2,4,5-Tetrachlorobenzene	101	94	40 - 140	8	30		
2,2'-oxybis[1-chloropropane]	72	69	40 - 140	5	30		
1,2,4-Trichlorobenzene	79	75	40 - 140	6	30		
4,6-Dinitro-2-methylphenol	70	86		20			
2,4,5-Trichlorophenol	85	83	30 - 130	4	30		
4-Chloro-3-methylphenol	85	84		1			
2,4,6-Trichlorophenol	89	88	30 - 130	1	30		
4-Nitrophenol	86	83		3			
Bis(2-chloroethoxy)methane	86	83		5			

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	79	75	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Phenol-d5 (Surr)	76	73	30 - 130
Terphenyl-d14 (Surr)	91	89	30 - 130
2,4,6-Tribromophenol (Surr)	85	81	30 - 130
2-Fluorophenol (Surr)	75	74	30 - 130
2-Fluorobiphenyl	84	79	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262452

Method: 8270
Preparation: 3546

MS Lab Sample ID:	460-86076-15	Units:	ug/Kg	MSD Lab Sample ID:	460-86076-15
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/22/2014 2151			Analysis Date:	11/22/2014 2214
Prep Date:	11/13/2014 1218			Prep Date:	11/13/2014 1218
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
Acenaphthylene	380	U	3820	3800	3360	3190	
Acenaphthene	380	U	3820	3800	3510	3380	
Anthracene	380	U	3820	3800	3550	3510	
Benzo[a]anthracene	38	U	3820	3800	3650	3690	
Benzo[b]fluoranthene	38	U	3820	3800	3730	3770	
Benzo[g,h,i]perylene	380	U	3820	3800	3860	3930	
Benzo[k]fluoranthene	38	U	3820	3800	3630	3640	
Benzo[a]pyrene	38	U	3820	3800	3740	3730	
Aniline	380	U	3820	3800	2430	2370	
Bis(2-chloroethyl)ether	38	U	3820	3800	3040	2830	
Bis(2-ethylhexyl) phthalate	380	U	3820	3800	4030	4050	
4-Bromophenyl phenyl ether	380	U	3820	3800	3750	3710	
Chrysene	380	U	3820	3800	3650	3610	
Butyl benzyl phthalate	380	U	3820	3800	3950	3910	
Carbazole	380	U	3820	3800	3630	3510	
Dibenz(a,h)anthracene	38	U	3820	3800	4120	4210	
4-Chloroaniline	380	U	3820	3800	2290	2500	
2-Chloronaphthalene	380	U	3820	3800	3430	3270	
2-Chlorophenol	380	U	3820	3800	3020	2960	
4-Chlorophenyl phenyl ether	380	U	3820	3800	3760	3580	
Dibenzofuran	380	U	3820	3800	3350	3250	
3,3'-Dichlorobenzidine	150	U	3820	3800	2720	2830	
2,4-Dichlorophenol	150	U	3820	3800	3070	3030	
Diethyl phthalate	380	U	3820	3800	3610	3530	
2,4-Dimethylphenol	380	U	3820	3800	3210	2980	
Dimethyl phthalate	380	U	3820	3800	3590	3440	
Di-n-butyl phthalate	380	U	3820	3800	3860	3760	
2,4-Dinitrophenol	300	U	7640	7610	3380	4810	F2
Fluoranthene	380	U	3820	3800	3630	3490	
2,4-Dinitrotoluene	77	U	3820	3800	3640	3510	
Fluorene	380	U	3820	3800	3860	3700	
2,6-Dinitrotoluene	77	U	3820	3800	3510	3430	
Di-n-octyl phthalate	380	U	3820	3800	3820	3880	
Hexachlorobenzene	38	U	3820	3800	3400	3420	
Hexachlorobutadiene	77	U	3820	3800	2980	2730	
Hexachlorocyclopentadiene	380	U	3820	3800	3210	2990	
Indeno[1,2,3-cd]pyrene	38	U	3820	3800	4030	4270	
Hexachloroethane	38	U	3820	3800	2870	2670	
2-Methylnaphthalene	380	U	3820	3800	3480	3260	
Isophorone	150	U	3820	3800	3220	3040	
2-Methylphenol	380	U	3820	3800	2960	2910	
4-Methylphenol	380	U	3820	3800	3370	3410	
Naphthalene	380	U	3820	3800	3430	3180	

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262452

Method: 8270
Preparation: 3546

MS Lab Sample ID:	460-86076-15	Units:	ug/Kg	MSD Lab Sample ID:	460-86076-15
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/22/2014 2151			Analysis Date:	11/22/2014 2214
Prep Date:	11/13/2014 1218			Prep Date:	11/13/2014 1218
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
2-Nitroaniline	380	U	3820	3800	3380	3320
3-Nitroaniline	380	U	3820	3800	2550	2630
4-Nitroaniline	380	U	3820	3800	3100	2990
Nitrobenzene	38	U	3820	3800	2780	2630
2-Nitrophenol	380	U	3820	3800	3250	3120
N-Nitrosodiphenylamine	380	U	3820	3800	3890	3990
N-Nitrosodi-n-propylamine	38	U	3820	3800	2690	2580
Pentachlorophenol	300	U	7640	7610	6390	6590
Phenanthrene	380	U	3820	3800	3520	3470
Phenol	380	U	3820	3800	3010	2950
Pyrene	380	U	3820	3800	3360	3360
Pyridine	380	U	3820	3800	2320	2150
1,2,4,5-Tetrachlorobenzene	380	U	3820	3800	3870	3570
2,2'-oxybis[1-chloropropane]	380	U	3820	3800	2750	2610
1,2,4-Trichlorobenzene	38	U	3820	3800	3020	2860
4,6-Dinitro-2-methylphenol	300	U	7640	7610	5320	6530
2,4,5-Trichlorophenol	380	U	3820	3800	3260	3140
4-Chloro-3-methylphenol	380	U	3820	3800	3250	3210
2,4,6-Trichlorophenol	150	U	3820	3800	3400	3350
4-Nitrophenol	770	U	7640	7610	6570	6350
Bis(2-chloroethoxy)methane	380	U	3820	3800	3290	3140

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-262958

Method: 8270
Preparation: 3510C

Lab Sample ID:	MB 460-262958/1-A	Analysis Batch:	460-264278	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-262958	Lab File ID:	M87149.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/21/2014 1337	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acenaphthylene	0.010	U	0.010	0.010
Acenaphthene	0.010	U	0.010	0.010
Anthracene	0.010	U	0.010	0.010
Benzo[a]anthracene	0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene	0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene	0.010	U	0.010	0.010
Benzo[k]fluoranthene	0.0010	U	0.0010	0.0010
Benzo[a]pyrene	0.0010	U	0.0010	0.0010
Aniline	0.010	U	0.010	0.010
Bis(2-chloroethyl)ether	0.0010	U	0.0010	0.0010
Bis(2-ethylhexyl) phthalate	0.0020	U	0.0020	0.0020
Chrysene	0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether	0.010	U	0.010	0.010
Butyl benzyl phthalate	0.010	U	0.010	0.010
Carbazole	0.010	U	0.010	0.010
Dibenz(a,h)anthracene	0.0010	U	0.0010	0.0010
4-Chloroaniline	0.010	U	0.010	0.010
2-Chloronaphthalene	0.010	U	0.010	0.010
2-Chlorophenol	0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether	0.010	U	0.010	0.010
Dibenzofuran	0.010	U	0.010	0.010
3,3'-Dichlorobenzidine	0.010	U	0.010	0.010
2,4-Dichlorophenol	0.010	U	0.010	0.010
Diethyl phthalate	0.010	U	0.010	0.010
2,4-Dimethylphenol	0.010	U	0.010	0.010
Dimethyl phthalate	0.010	U	0.010	0.010
Di-n-butyl phthalate	0.010	U	0.010	0.010
2,4-Dinitrophenol	0.020	U	0.020	0.020
Fluoranthene	0.010	U	0.010	0.010
2,4-Dinitrotoluene	0.0020	U	0.0020	0.0020
Fluorene	0.010	U	0.010	0.010
2,6-Dinitrotoluene	0.0020	U	0.0020	0.0020
Di-n-octyl phthalate	0.010	U	0.010	0.010
Hexachlorobenzene	0.0010	U	0.0010	0.0010
Hexachlorobutadiene	0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene	0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene	0.010	U	0.010	0.010
Hexachloroethane	0.0010	U	0.0010	0.0010
Isophorone	0.010	U	0.010	0.010
2-Methylnaphthalene	0.010	U	0.010	0.010
2-Methylphenol	0.010	U	0.010	0.010
4-Methylphenol	0.010	U	0.010	0.010
Naphthalene	0.010	U	0.010	0.010
2-Nitroaniline	0.010	U	0.010	0.010
3-Nitroaniline	0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-262958

Method: 8270
Preparation: 3510C

Lab Sample ID:	MB 460-262958/1-A	Analysis Batch:	460-264278	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-262958	Lab File ID:	M87149.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/21/2014 1337	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
4-Nitroaniline	0.010	U	0.010	0.010
Nitrobenzene	0.0010	U	0.0010	0.0010
2-Nitrophenol	0.010	U	0.010	0.010
N-Nitrosodiphenylamine	0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine	0.0010	U	0.0010	0.0010
Pentachlorophenol	0.020	U	0.020	0.020
Phenanthrene	0.010	U	0.010	0.010
Phenol	0.010	U	0.010	0.010
Pyrene	0.010	U	0.010	0.010
Pyridine	0.010	U	0.010	0.010
2,2'-oxybis[1-chloropropane]	0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene	0.010	U	0.010	0.010
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.0010
4,6-Dinitro-2-methylphenol	0.020	U	0.020	0.020
2,4,5-Trichlorophenol	0.010	U	0.010	0.010
4-Chloro-3-methylphenol	0.010	U	0.010	0.010
4-Nitrophenol	0.020	U	0.020	0.020
2,4,6-Trichlorophenol	0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane	0.010	U	0.010	0.010

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	100	30 - 130
Phenol-d5 (Surr)	30	15 - 110
Terphenyl-d14 (Surr)	111	30 - 130
2,4,6-Tribromophenol (Surr)	83	15 - 110
2-Fluorophenol (Surr)	49	15 - 110
2-Fluorobiphenyl	87	30 - 130

TCLP SPLPE Leachate Blank - Batch: 460-262958

Method: 8270
Preparation: 3510C
SPLP East

Lab Sample ID:	LB 460-262562/1-B	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Client Matrix:	Solid	Prep Batch:	460-262958	Lab File ID:	M87338.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 2151	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	Result	Qual	RL	RL
Acenaphthylene	0.010	U	0.010	0.010
Acenaphthene	0.010	U	0.010	0.010
Anthracene	0.010	U	0.010	0.010
Benzo[a]anthracene	0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene	0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene	0.010	U	0.010	0.010
Benzo[k]fluoranthene	0.0010	U	0.0010	0.0010
Benzo[a]pyrene	0.0010	U	0.0010	0.0010
Aniline	0.010	U	0.010	0.010
Bis(2-chloroethyl)ether	0.0010	U	0.0010	0.0010
Bis(2-ethylhexyl) phthalate	0.00492		0.0020	0.0020
Chrysene	0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether	0.010	U	0.010	0.010
Butyl benzyl phthalate	0.010	U	0.010	0.010
Carbazole	0.010	U	0.010	0.010
Dibenz(a,h)anthracene	0.0010	U	0.0010	0.0010
4-Chloroaniline	0.010	U	0.010	0.010
2-Chloronaphthalene	0.010	U	0.010	0.010
2-Chlorophenol	0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether	0.010	U	0.010	0.010
Dibenzofuran	0.010	U	0.010	0.010
3,3'-Dichlorobenzidine	0.010	U	0.010	0.010
2,4-Dichlorophenol	0.010	U	0.010	0.010
Diethyl phthalate	0.010	U	0.010	0.010
2,4-Dimethylphenol	0.010	U	0.010	0.010
Dimethyl phthalate	0.010	U	0.010	0.010
Di-n-butyl phthalate	0.010	U	0.010	0.010
2,4-Dinitrophenol	0.020	U	0.020	0.020
Fluoranthene	0.010	U	0.010	0.010
2,4-Dinitrotoluene	0.0020	U	0.0020	0.0020
Fluorene	0.010	U	0.010	0.010
2,6-Dinitrotoluene	0.0020	U	0.0020	0.0020
Di-n-octyl phthalate	0.010	U	0.010	0.010
Hexachlorobenzene	0.0010	U	0.0010	0.0010
Hexachlorobutadiene	0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene	0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene	0.010	U	0.010	0.010
Hexachloroethane	0.0010	U	0.0010	0.0010
Isophorone	0.010	U	0.010	0.010
2-Methylnaphthalene	0.010	U	0.010	0.010
2-Methylphenol	0.010	U	0.010	0.010
4-Methylphenol	0.010	U	0.010	0.010
Naphthalene	0.010	U	0.010	0.010
2-Nitroaniline	0.010	U	0.010	0.010
3-Nitroaniline	0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86076-1

TCLP SPLPE Leachate Blank - Batch: 460-262958

Method: 8270
Preparation: 3510C
SPLP East

Lab Sample ID:	LB 460-262562/1-B	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Client Matrix:	Solid	Prep Batch:	460-262958	Lab File ID:	M87338.D
Dilution:	1.0	Leach Batch:	460-262562	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 2151	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	11/13/2014 1730				

Analyte	Result	Qual	RL	RL
4-Nitroaniline	0.010	U	0.010	0.010
Nitrobenzene	0.0010	U	0.0010	0.0010
2-Nitrophenol	0.010	U	0.010	0.010
N-Nitrosodiphenylamine	0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine	0.0010	U	0.0010	0.0010
Pentachlorophenol	0.020	U	0.020	0.020
Phenanthrene	0.010	U	0.010	0.010
Phenol	0.010	U	0.010	0.010
Pyrene	0.010	U	0.010	0.010
Pyridine	0.010	U	0.010	0.010
2,2'-oxybis[1-chloropropane]	0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene	0.010	U	0.010	0.010
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.0010
4,6-Dinitro-2-methylphenol	0.020	U	0.020	0.020
2,4,5-Trichlorophenol	0.010	U	0.010	0.010
4-Chloro-3-methylphenol	0.010	U	0.010	0.010
4-Nitrophenol	0.020	U	0.020	0.020
2,4,6-Trichlorophenol	0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane	0.010	U	0.010	0.010

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	96	30 - 130
Phenol-d5 (Surr)	42	15 - 110
Terphenyl-d14 (Surr)	107	30 - 130
2,4,6-Tribromophenol (Surr)	97	15 - 110
2-Fluorophenol (Surr)	55	15 - 110
2-Fluorobiphenyl	89	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-262958

Method: 8270
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-262958/2-A	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-262958	Lab File ID:	M87227.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 1652	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-262958/3-A	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-262958	Lab File ID:	M87228.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 1728	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acenaphthylene	88	90	40 - 140	3	20		
Acenaphthene	85	83	40 - 140	2	20		
Anthracene	89	90	40 - 140	1	20		
Benzo[a]anthracene	100	98	40 - 140	2	20		
Benzo[b]fluoranthene	99	94	40 - 140	5	20		
Benzo[g,h,i]perylene	113	110	40 - 140	3	20		
Benzo[k]fluoranthene	95	93	40 - 140	2	20		
Benzo[a]pyrene	100	96	40 - 140	4	20		
Aniline	58	57	40 - 140	1	20		
Bis(2-chloroethyl)ether	88	80	40 - 140	10	20		
Bis(2-ethylhexyl) phthalate	105	103	40 - 140	2	20		
4-Bromophenyl phenyl ether	91	90	40 - 140	2	20		
Chrysene	104	101	40 - 140	3	20		
Butyl benzyl phthalate	105	100	40 - 140	5	20		
Carbazole	83	87	40 - 140	4	20		
Dibenz(a,h)anthracene	90	95	40 - 140	6	20		
4-Chloroaniline	74	76	40 - 140	2	20		
2-Chloronaphthalene	80	79	40 - 140	2	20		
2-Chlorophenol	71	73	30 - 130	4	20		
4-Chlorophenyl phenyl ether	92	91	40 - 140	1	20		
Dibenzofuran	85	85	40 - 140	0	20		
3,3'-Dichlorobenzidine	105	109	40 - 140	3	20		
2,4-Dichlorophenol	85	84	30 - 130	1	20		
Diethyl phthalate	96	97	40 - 140	0	20		
2,4-Dimethylphenol	77	78	30 - 130	0	20		
Dimethyl phthalate	95	91	40 - 140	4	20		
Di-n-butyl phthalate	90	91	40 - 140	2	20		
2,4-Dinitrophenol	89	92	30 - 130	4	20		
Fluoranthene	85	87	40 - 140	2	20		
2,4-Dinitrotoluene	96	92	40 - 140	5	20		
Fluorene	91	90	40 - 140	1	20		
2,6-Dinitrotoluene	92	93	40 - 140	1	20		
Di-n-octyl phthalate	89	91	40 - 140	2	20		
Hexachlorobenzene	92	95	40 - 140	3	20		
Hexachlorobutadiene	76	73	40 - 140	4	20		
Hexachlorocyclopentadiene	58	62	40 - 140	6	20		

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-262958

Method: 8270
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-262958/2-A	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-262958	Lab File ID:	M87227.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 1652	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-262958/3-A	Analysis Batch:	460-264724	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-262958	Lab File ID:	M87228.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/23/2014 1728	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/15/2014 1232			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Indeno[1,2,3-cd]pyrene	101	100	40 - 140	1	20		
Hexachloroethane	64	65	40 - 140	2	20		
2-Methylnaphthalene	72	76	40 - 140	5	20		
Isophorone	84	83	40 - 140	1	20		
2-Methylphenol	67	65	30 - 130	2	20		
4-Methylphenol	58	59	30 - 130	0	20		
Naphthalene	75	74	40 - 140	0	20		
2-Nitroaniline	88	89	40 - 140	1	20		
3-Nitroaniline	88	83	40 - 140	6	20		
4-Nitroaniline	87	84	40 - 140	4	20		
Nitrobenzene	82	83	40 - 140	1	20		
2-Nitrophenol	77	84	30 - 130	8	20		
N-Nitrosodiphenylamine	87	86	40 - 140	1	20		
N-Nitrosodi-n-propylamine	85	81	40 - 140	5	20		
Pentachlorophenol	81	86	30 - 130	7	20		
Phenanthrene	87	89	40 - 140	2	20		
Phenol	33	34	30 - 130	2	20		
Pyrene	87	91	40 - 140	5	20		
Pyridine	45	47	40 - 140	3	20		
1,2,4,5-Tetrachlorobenzene	81	86	40 - 140	6	20		
2,2'-oxybis[1-chloropropane]	84	78	40 - 140	8	20		
1,2,4-Trichlorobenzene	71	74	40 - 140	4	20		
4,6-Dinitro-2-methylphenol	85	87	30 - 130	2	20		
2,4,5-Trichlorophenol	89	93	30 - 130	4	20		
4-Chloro-3-methylphenol	84	83	30 - 130	2	20		
2,4,6-Trichlorophenol	93	93	30 - 130	1	20		
4-Nitrophenol	36	39	30 - 130	9	20		
Bis(2-chloroethoxy)methane	86	89	40 - 140	4	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	89	87	30 - 130
Phenol-d5 (Surr)	28	30	15 - 110
Terphenyl-d14 (Surr)	97	99	30 - 130
2,4,6-Tribromophenol (Surr)	98	103	15 - 110
2-Fluorophenol (Surr)	48	47	15 - 110
2-Fluorobiphenyl	86	83	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-262958

Method: 8270
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-262958/2-A	Units: mg/L		LCSD Lab Sample ID:	LCSD 460-262958/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/23/2014 1652			Analysis Date:	11/23/2014 1728
Prep Date:	11/15/2014 1232			Prep Date:	11/15/2014 1232
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Acenaphthylene	0.0800	0.0800	0.0703	0.0722
Acenaphthene	0.0800	0.0800	0.0678	0.0663
Anthracene	0.0800	0.0800	0.0713	0.0717
Benzo[a]anthracene	0.0800	0.0800	0.0799	0.0784
Benzo[b]fluoranthene	0.0800	0.0800	0.0792	0.0752
Benzo[g,h,i]perylene	0.0800	0.0800	0.0907	0.0884
Benzo[k]fluoranthene	0.0800	0.0800	0.0757	0.0746
Benzo[a]pyrene	0.0800	0.0800	0.0800	0.0767
Aniline	0.0800	0.0800	0.0463	0.0459
Bis(2-chloroethyl)ether	0.0800	0.0800	0.0704	0.0638
Bis(2-ethylhexyl) phthalate	0.0800	0.0800	0.0843	0.0827
4-Bromophenyl phenyl ether	0.0800	0.0800	0.0729	0.0718
Chrysene	0.0800	0.0800	0.0830	0.0808
Butyl benzyl phthalate	0.0800	0.0800	0.0837	0.0799
Carbazole	0.0800	0.0800	0.0667	0.0696
Dibenz(a,h)anthracene	0.0800	0.0800	0.0718	0.0759
4-Chloroaniline	0.0800	0.0800	0.0594	0.0607
2-Chloronaphthalene	0.0800	0.0800	0.0639	0.0628
2-Chlorophenol	0.0800	0.0800	0.0565	0.0587
4-Chlorophenyl phenyl ether	0.0800	0.0800	0.0734	0.0724
Dibenzofuran	0.0800	0.0800	0.0682	0.0682
3,3'-Dichlorobenzidine	0.0800	0.0800	0.0841	0.0871
2,4-Dichlorophenol	0.0800	0.0800	0.0679	0.0675
Diethyl phthalate	0.0800	0.0800	0.0772	0.0774
2,4-Dimethylphenol	0.0800	0.0800	0.0619	0.0621
Dimethyl phthalate	0.0800	0.0800	0.0760	0.0728
Di-n-butyl phthalate	0.0800	0.0800	0.0718	0.0730
2,4-Dinitrophenol	0.160	0.160	0.142	0.148
Fluoranthene	0.0800	0.0800	0.0683	0.0699
2,4-Dinitrotoluene	0.0800	0.0800	0.0767	0.0733
Fluorene	0.0800	0.0800	0.0728	0.0719
2,6-Dinitrotoluene	0.0800	0.0800	0.0736	0.0741
Di-n-octyl phthalate	0.0800	0.0800	0.0714	0.0726
Hexachlorobenzene	0.0800	0.0800	0.0739	0.0760
Hexachlorobutadiene	0.0800	0.0800	0.0606	0.0582
Hexachlorocyclopentadiene	0.0800	0.0800	0.0468	0.0497
Indeno[1,2,3-cd]pyrene	0.0800	0.0800	0.0810	0.0799
Hexachloroethane	0.0800	0.0800	0.0508	0.0520
2-Methylnaphthalene	0.0800	0.0800	0.0576	0.0607

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-262958

Method: 8270
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-262958/2-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 460-262958/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/23/2014 1652			Analysis Date:	11/23/2014 1728
Prep Date:	11/15/2014 1232			Prep Date:	11/15/2014 1232
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Isophorone	0.0800	0.0800	0.0669	0.0661
2-Methylphenol	0.0800	0.0800	0.0535	0.0524
4-Methylphenol	0.0800	0.0800	0.0468	0.0470
Naphthalene	0.0800	0.0800	0.0597	0.0595
2-Nitroaniline	0.0800	0.0800	0.0704	0.0713
3-Nitroaniline	0.0800	0.0800	0.0707	0.0667
4-Nitroaniline	0.0800	0.0800	0.0699	0.0675
Nitrobenzene	0.0800	0.0800	0.0654	0.0663
2-Nitrophenol	0.0800	0.0800	0.0616	0.0670
N-Nitrosodiphenylamine	0.0800	0.0800	0.0692	0.0687
N-Nitrosodi-n-propylamine	0.0800	0.0800	0.0680	0.0647
Pentachlorophenol	0.160	0.160	0.129	0.138
Phenanthrene	0.0800	0.0800	0.0698	0.0708
Phenol	0.0800	0.0800	0.0263	0.0268
Pyrene	0.0800	0.0800	0.0697	0.0729
Pyridine	0.0800	0.0800	0.0363	0.0376
1,2,4,5-Tetrachlorobenzene	0.0800	0.0800	0.0649	0.0686
2,2'-oxybis[1-chloropropane]	0.0800	0.0800	0.0673	0.0622
1,2,4-Trichlorobenzene	0.0800	0.0800	0.0569	0.0593
4,6-Dinitro-2-methylphenol	0.160	0.160	0.136	0.139
2,4,5-Trichlorophenol	0.0800	0.0800	0.0712	0.0743
4-Chloro-3-methylphenol	0.0800	0.0800	0.0673	0.0662
2,4,6-Trichlorophenol	0.0800	0.0800	0.0741	0.0747
4-Nitrophenol	0.160	0.160	0.0569	0.0620
Bis(2-chloroethoxy)methane	0.0800	0.0800	0.0688	0.0715

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Method Blank - Batch: 460-262486 **Method: CT ETPH**
Preparation: 3546

Lab Sample ID:	MB 460-262486/1-A	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-262486	Lab File ID:	2F010811.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/15/2014 1602	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
C9-C36	1.1	U	1.1	5.0

Surrogate	% Rec		Acceptance Limits
o-Terphenyl	294	X	50 - 150

Lab Control Sample - Batch: 460-262486 **Method: CT ETPH**
Preparation: 3546

Lab Sample ID:	LCS 460-262486/2-A	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-262486	Lab File ID:	2F010812.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/15/2014 1614	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C9-C36	100	87.0	87	60 - 120	

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	109	50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86076-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262486

Method: CT ETPH
Preparation: 3546

MS Lab Sample ID:	460-86076-11	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-262486	Lab File ID:	2F010813.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0021 g
Analysis Date:	11/15/2014 1627			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-86076-11	Analysis Batch:	460-262939	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-262486	Lab File ID:	2F010814.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0114 g
Analysis Date:	11/15/2014 1639			Final Weight/Volume:	1 mL
Prep Date:	11/13/2014 1416			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C9-C36	72	75	50 - 150	4	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	80	84	50 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262486

Method: CT ETPH
Preparation: 3546

MS Lab Sample ID:	460-86076-11	Units:	mg/Kg	MSD Lab Sample ID:	460-86076-11
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/15/2014 1627			Analysis Date:	11/15/2014 1639
Prep Date:	11/13/2014 1416			Prep Date:	11/13/2014 1416
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
C9-C36	1.2	U	108	108	77.3	80.9

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CHAIN OF CU

460-86076 Chain of Custody

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

Name (for report and invoice) JIM SOUKUP	Samplers Name (Printed) Kathleen Soukup	Site/Project Identification PSEG Bridgport
Company Weston solutions	P. O. # 0087200	State (Location of site): NJ: ☐ NY: ☐ Other: CT
		Regulatory Program: CTDEEP RSRs
Address 45 Constitution Ave, Suite 100	Analysis Turnaround Time: Standard ☒	LAB USE ONLY Project No:
City Concord State NH	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 86076
Phone 603-656-5480 / ~~Fax~~ Cell 603-315-4563		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC 8260B	SVOC 8270	ETPH (G)	SPLP SVOC	% solids					VOC - trip blank		Sample Numbers
TB-111014	11/4/14	(lab)	W	2	~~X~~									X		-1
SB-74 (2-3)	11/10/14	1330	S	~~4~~ 5	X	X	X	X	X							-2
SB-75 (5-6)	11/10/14	1430	S	4	X	X	X	X	X							-3
SB-76 (5-6)	11/11/14	830	S	5	X	X	X	X	X							-4
SB-73 (3-4)	11/11/14	910	S	5	X	X	X	X	X							-5
SB-77 (5-6)	11/11/14	940	S	5	X	X	X	X	X							-6
SB-79 (5-6)	11/11/14	1020	S	5	X	X	X	X	X							-7
SB-80 (3-4)	11/11/14	1215	S	1				X								-8
SB-80 ~~(5-6)~~ (4-5)	11/11/14	1225	S	5	X	X	X		X							-9
SB-81 (1-2)	11/11/14	1300	S	1				X								-10
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1,6,7	1	1	1	1					~~2~~		
6 = Other DI H_2O, 7 = Other MeOH				Water:										2		

SHORT HOLD

Special Instructions Detection limits must meet lowest CTDEEP RSRs

Water Metals Filtered (Yes/No)? ____

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Weston	11/11/14 1535	1) [signature]	TAG
2) [signature]	TAG	11/11/14 1610	2) [signature]	CE VIA FEDEX
3)			3)	11/12/14 @ 9:15 TA EDISON
4)			4)	

1.0 / 3.0 °C

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

TAL - 0016 (0814)

Massachusetts (M-NJ312), North Carolina (No. 578)

cs# 125567

0.5 / 2.5 °C IR#5

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777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) JIM Soukup	Samplers Name (Printed) Kathleen Soukup	Site/Project Identification PSEG Bridgport
Company Weston solutions	P. O. # 0087200	State (Location of site): NJ: ☐ NY: ☐ Other: CT
		Regulatory Program: CTDEEP RSR
Address 45 Constitution Ave. Suite 100	Analysis Turnaround Time: Standard ☒	LAB USE ONLY Project No:
City Concord State NH	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 86076
Phone 603 656-5480 / Fax Cell 603-315-4563		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	VOC 8260B	SVOC 8270	ETPH (CT)	SPLP SVOC	% Solids	SPLP VOC						Sample Numbers
SB-81 (4-5)	11/11/14	1315	S	5	X	X	X		X							-11
SB-82 (5-6)	11/11/14	1400	S	5	X	X	X	X	X							-12
SB-82 (6.5-7.5)	11/11/14	1345	S	7	X	X	X	X	X	X						-13
SB-83 (5-6)	11/11/14	1435	S	5	X	X	X	X	X							-14
SB-84 (5.5-6.5)	11/11/14	1500	S	5	X	X	X	X	X							-15
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1,6,7	1	1	1	1	1						
6 = Other DiH2O, 7 = Other MeOH				Water:												

Special Instructions See page 1

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Weston	11/11/14 1535	1) [signature]	TAC
2) [signature]	TAC	11/11/14 1610	2) CE / VIE VIA	FEDEX TA EDISON
3)			3)	11/12/14 9:15
4)			4)	

1.0/3.0 °C

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0814)

Massachusetts (M-NJ312), North Carolina (No. 578)

CS#125567

0.5/2.5 °C IR#5

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 86076

Number of Coolers: 2 IR Gun #: 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.5 °C	2.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.0 °C	3.0 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: CE Date: 11/12/14

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
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CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice) JIM Soukup	Samplers Name (Printed) Kathleen Soukup	Site/Project Identification PSEG Bridgport
Company Weston solutions	P. O. # 0087200	State (Location of site): NJ: ☐ NY: ☐ Other: CT
		Regulatory Program: CTDEEP RSR
Address 45 Constitution Ave. Suite 100	Analysis Turnaround Time: Standard ☒	LAB USE ONLY Project No:
City Concord State NH	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 86076
Phone 603 656-5480 / Fax Cell 603-315-4563		

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	VOC 8260B	SVOC 8270	ETPH (CT)	SPLP SVOC	% Solids	SPLP VOC						Sample Numbers
SB-81 (4-5)	11/11/14	1315	S	5	X	X	X		X							-11
SB-82 (5-6)	11/11/14	1400	S	5	X	X	X	X	X							-12
SB-82 (6.5-7.5)	11/11/14	1345	S	7	X	X	X	X	X	X						-13
SB-83 (5-6)	11/11/14	1435	S	5	X	X	X	X	X							-14
SB-84 (5.5-6.5)	11/11/14	1500	S	5	X	X	X	X	X							-15
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH				Soil:	1,6,7	1	1	1	1	1						
6 = Other DiH2O, 7 = Other MeOH				Water:												

Special Instructions See page 1

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
[signature]	Weston	11/11/14 1535	1) [signature]	TAC
2) [signature]	TAC	11/11/14 1610	2) CE / VIE VIA	FEDEX TA EDISON
3)			3)	11/12/14 9:15
4)			4)	

1.0/3.0 °C

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132). TAL - 0016 (0814)

Massachusetts (M-NJ312), North Carolina (No. 578)

CS#125567

0.5/2.5 °C IR#5

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 86076

Number of Coolers: 2 IR Gun #: 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.5 °C	2.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	1.0 °C	3.0 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: CE Date: 11/12/14

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 460-86076-1

Login Number: 86076

List Source: TestAmerica Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	125567
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5°C, IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	See NCM
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 460-86148-1

Job Description: PSEG Bridgeport

For:
Weston Solutions, Inc.
45 Constitution Ave
Suite 100
Concord, NH 03301

Attention: James Soukup

Maegen Pane

Approved for release.
Maegen C Pane
Project Management Assistant I
12/4/2014 11:46 AM

Designee for
Patricia Grieco, Senior Project Manager
777 New Durham Road, Edison, NJ, 08817
(732)593-2507
patricia.grieco@testamericainc.com
12/04/2014
Revision: 2

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Edison Project Manager.

TestAmerica Edison Certifications and Approvals: Connecticut: CTDOH #PH-0200, New Jersey: NJDEP (NELAP) #12028, New York: NYDOH (NELAP) #11452, NYDOH (ELAP) #11452, Pennsylvania: PADEP (NELAP) 68-00522 and Rhode Island: RIDOH LAO00132

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:	**TestAmerica Edison**	***Client:***	**Weston Solutions**
Project Location:	**PSEG Bridgeport**	***Project Number:***	**460-86148**
Laboratory Sample ID (s):	**460-86148: 2-13**	***Sampling Date (s):***	**11/12/14**
RCP Method:	**8270RCP**		

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	Yes √		No
1A	Were the method specified preservation and holding time requirements met?	Yes √		No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	Yes	N/A √	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes √		No
3	Were samples received at an appropriate temperature (<6℃)?	Yes √	N/A	No
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	Yes		No √
5	a) Were reporting limits specified or referenced on the chain-of custody?	Yes √		No
	b) Were these reporting limits met? (Refer to Report Narrative)	Yes		No √
6	For each analytical method reference in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes √		No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes √		No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in a attached narrative. If the answer to question #1, 1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: W. Bayoumi Position: GC/MS SemiVolatiles Department Manager

Printed Name: Wahied Bayoumi Date: 11/28/14 15:35

The certification form has been electronically signed and approved.

Updated November 2007

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

CTDOH #PH-0200

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Tel: 732-549-3900
Fax: 732-549-3679

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:	**TestAmerica Edison**	***Client:***	**Weston Solutions, Inc.**
Project Location:	**PSEG Bridgeport, CT**	***Project Number:***	**460-86148**
Laboratory Sample ID (s):	**1 thru 13**	***Sampling Date (s):***	**11/12/14**
RCP Method:	**CT EPH**		

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	Yes √			No
1A	Were the method specified preservation and holding time requirements met?	Yes √			No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	Yes √	N/A		No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes √			No
3	Were samples received at an appropriate temperature (<6℃)?	Yes √	N/A		No
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	Yes √			No
5	a) Were reporting limits specified or referenced on the chain-of custody?	Yes √			No
	b) Were these reporting limits met? (Refer to Report Narrative)	Yes			No √
6	For each analytical method reference in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes √			No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes √			No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in a attached narrative. If the answer to question #1, 1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authoriz Signatur: Catalina R. Dalangin Position: GCSV Department ManagerGCSV Department Manager

Printed Name: Catalina R. Dalangin Date: 11/24/14 14:06

The certification form has been electronically signed and approved.

Updated November 2007

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

CTDOH #PH-0200

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Tel: 732-549-3900
Fax: 732-549-3679

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name:	**TestAmerica Edison**	***Client:***	**Weston Solutions, Inc.**
Project Location:	**PSEG Bridgeport**	***Project Number:***	**460-86148**
Laboratory Sample ID (s):	**460-86148-1-13**	***Sampling Date (s):***	**11/12/14**
RCP Method:	**8260RCP**		

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed (including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents)?	Yes √		No
1A	Were the method specified preservation and holding time requirements met?	Yes √		No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)	Yes	N/A √	No
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	Yes √		No
3	Were samples received at an appropriate temperature (<6℃)?	Yes √	N/A	No
4	Were all QA/QC performance criteria specified in the CT DEP Reasonable Confidence Protocol documents achieved?	Yes		No √
5	a) Were reporting limits specified or referenced on the chain-of custody?	Yes √		No
	b) Were these reporting limits met? (Refer to Report Narrative)	Yes		No √
6	For each analytical method reference in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	Yes √		No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	Yes		No √

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in a attached narrative. If the answer to question #1, 1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence". This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: S. Klusey Position: GC/MS Volatiles Department Manager

Printed Name: Sylvanus Klusey Date: 11/28/14 15:36

The certification form has been electronically signed and approved.

Updated November 2007

TestAmerica THE LEADER IN ENVIRONMENTAL TESTING

CTDOH #PH-0200

TestAmerica Edison
777 New Durham Road
Edison, NJ 08817
Tel: 732-549-3900
Fax: 732-549-3679

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: PSEG Bridgeport

Report Number: 460-86148-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 11/13/2014 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.2º C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

RCP SPLP VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample SB-88(6.5-7.5) (460-86148-8) was analyzed for RCP SPLP volatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1312/8260B (RCP). The samples were leached on 11/17/2014 and analyzed on 11/23/2014.

Methylene Chloride was detected in method blank LB 460-263281/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The laboratory control sample (LCS) for batch 263020 recovered outside control limits for the following analyte: 1,2-Dibromo-3-Chloropropane. This analyte was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) for batch 264721 recovered outside control limits for the following analyte: Hexachlorobutadiene. This analyte was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) for batch 262952 recovered outside control limits for the following analytes: 1,2,4-Trichlorobenzene and 1,2-Dibromo-3-Chloropropane. The LCS/LCSD precision for 1,2-Dibromo-3-Chloropropane was also outside control limits. These analytes were not detected in the associated samples; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 264721 recovered outside control limit for Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) associated with batch 263020 recovered outside control limit for 1,2,4-Trichlorobenzene and 1,2-Dibromo-3-Chloropropane. The response for Acrylonitrile was below the minimum response factor criteria. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The response for Acrylonitrile and 1,2-Dibromo-3-Chloropropane were below the minimum response factor criteria. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Refer to the QC report for details.

The following sample was diluted due to the abundance of non-target analytes: SB-88(6.5-7.5) (460-86148-8). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the RCP SPLP volatile analysis.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS) RCP

Samples SB-85(1-2) (460-86148-2), SB-86(4-5) (460-86148-3), SB-86(6-7) (460-86148-4), SB-87(2-3) (460-86148-5), SB-87(5-6) (460-86148-6), SB-88(5-6) (460-86148-7), SB-88(6.5-7.5) (460-86148-8), SB-89(5-6) (460-86148-9), SB-89(6-7) (460-86148-10), SB-90(1-2) (460-86148-11), SB-90(4-5) (460-86148-12) and SB-90(6-7) (460-86148-13) were analyzed for volatile organic compounds (GC-MS) RCP in accordance with EPA SW-846 Method 8260RCP. The samples were prepared on 11/13/2014 and analyzed on 11/15/2014, 11/16/2014 and 11/22/2014.

The following sample was diluted to bring the concentration of target analytes within the calibration range: SB-89(6-7) (460-86148-10). Elevated reporting limits (RLs) are provided.

No difficulties were encountered during the volatiles RCP analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS) RCP

Sample TB-111214 (460-86148-1) was analyzed for volatile organic compounds (GC-MS) RCP in accordance with EPA SW-846 Method 8260RCP. The samples were analyzed on 11/17/2014.

No difficulties were encountered during the volatiles RCP analysis.

All quality control parameters were within the acceptance limits.

RCP SPLP SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples SB-85(1-2) (460-86148-2), SB-86(4-5) (460-86148-3), SB-86(6-7) (460-86148-4), SB-87(2-3) (460-86148-5), SB-87(5-6) (460-86148-6), SB-88(5-6) (460-86148-7), SB-88(6.5-7.5) (460-86148-8), SB-89(5-6) (460-86148-9), SB-89(6-7) (460-86148-10), SB-90(1-2) (460-86148-11), SB-90(4-5) (460-86148-12) and SB-90(6-7) (460-86148-13) were analyzed for RCP SPLP semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Methods 1312/8270C (RCP). The samples were leached on 11/18/2014, prepared on 11/19/2014 and analyzed on 11/24/2014 and 11/25/2014.

A full list spike was utilized for this method. Due to the large number of spiked analytes, there is a high probability that one or more analytes will recover outside acceptance limits. The laboratory's SOP allows for five analytes to recover outside criteria for this method when a full list spike is utilized. The LCSD associated with batch 263897 had one analyte (Pyridine) outside control limits; therefore, re-extraction/re-analysis was not performed. These results have been reported and qualified.

The initial calibration curve (IC) that ran on CBNAMS 6 on 11-29-14 (calibration ID 45365) required the use of quadratic equation for the following analytes: 4-Nitroaniline.

The initial calibration verification (ICV) associated with IC 45365 was outside the 80-120% range , but within 65-135% acceptance range for the following analytes: Acenaphthene and Dibenzofuran.

The initial calibration verification (ICV) associated with IC 44992 was outside the 80-120% range , but within 65-135% acceptance range for the following analytes: N-Nitrosodi-n-propylamine.

The initial calibration curve (IC) that ran on CBNAMS 6 on 11-16-14 (calibration ID 44830) required the use of quadratic equation for the following analytes: Indeno(1,2,3-cd)pyrene.

The initial calibration curve (IC) that ran on CBNAMS 5 on 11-23-14 (calibration ID 44992) required the use of quadratic equation for the following analytes: 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, Naphthalene, 2-Methylnaphthalene, 1,2,4,5-Tetrachlorobenzene, Acenaphthene, 4-Chlorophenyl phenylether and Fluorene.

Refer to the QC report for details.

No difficulties were encountered during the SPLP semivolatiles analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS

Samples SB-85(1-2) (460-86148-2), SB-86(4-5) (460-86148-3), SB-86(6-7) (460-86148-4), SB-87(2-3) (460-86148-5), SB-87(5-6) (460-86148-6), SB-88(5-6) (460-86148-7), SB-88(6.5-7.5) (460-86148-8), SB-89(5-6) (460-86148-9), SB-89(6-7) (460-86148-10), SB-90(1-2) (460-86148-11), SB-90(4-5) (460-86148-12) and SB-90(6-7) (460-86148-13) were analyzed for Semivolatile organic compounds in accordance with EPA SW-846 Method 8270RCP. The samples were prepared on 11/16/2014 and analyzed on 11/23/2014, 11/24/2014 and 11/25/2014.

Several analytes failed the recovery criteria low for the MS of sample SB-90(1-2)MS (460-86148-11) in batch 460-264785.

Several analytes failed the recovery criteria low for the MSD of sample SB-90(1-2)MSD (460-86148-11) in batch 460-264785.

Refer to the QC report for details.

Samples SB-85(1-2) (460-86148-2)[2X] and SB-88(6.5-7.5) (460-86148-8)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Semivolatile organic compounds analysis.

All other quality control parameters were within the acceptance limits.

CT EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS

Samples SB-85(1-2) (460-86148-2), SB-86(4-5) (460-86148-3), SB-86(6-7) (460-86148-4), SB-87(2-3) (460-86148-5), SB-87(5-6) (460-86148-6), SB-88(5-6) (460-86148-7), SB-88(6.5-7.5) (460-86148-8), SB-89(5-6) (460-86148-9), SB-89(6-7) (460-86148-10), SB-90(1-2) (460-86148-11), SB-90(4-5) (460-86148-12) and SB-90(6-7) (460-86148-13) were analyzed for CT Extractable Total petroleum Hydrocarbons in accordance with CT ETPH - (Connecticut - Extractable Total petroleum Hydrocarbons (GC)). The samples were prepared on 11/14/2014 and analyzed on 11/18/2014 and 11/19/2014.

Samples SB-85(1-2) (460-86148-2)[50X] and SB-88(6.5-7.5) (460-86148-8)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: SB-85(1-2) (460-86148-2), SB-88(6.5-7.5) (460-86148-8). Elevated reporting limits (RLs) are provided.

No difficulties were encountered during the CT ETPH analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples SB-85(1-2) (460-86148-2), SB-86(4-5) (460-86148-3), SB-86(6-7) (460-86148-4), SB-87(2-3) (460-86148-5), SB-87(5-6) (460-86148-6), SB-88(5-6) (460-86148-7), SB-88(6.5-7.5) (460-86148-8), SB-89(5-6) (460-86148-9), SB-89(6-7) (460-86148-10), SB-90(1-2) (460-86148-11), SB-90(4-5) (460-86148-12) and SB-90(6-7) (460-86148-13) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D). The samples were analyzed on 11/17/2014.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Chronicle

Lab ID: 460-86148-1 **Client ID: TB-111214**

Sample Date/Time: 11/12/2014 12:20 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-86148-B-1		460-263208		11/17/2014 10:53	1	TAL EDI	SZD
A:8260	460-86148-B-1		460-263208		11/17/2014 10:53	1	TAL EDI	SZD

Lab ID: 460-86148-2 **Client ID: SB-85(1-2)**

Sample Date/Time: 11/12/2014 11:30 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-B-2-A		460-264604	460-262571	11/13/2014 18:37	1	TAL EDI	AVM
A:8260	460-86148-B-2-A		460-264604	460-262571	11/22/2014 14:57	1	TAL EDI	AAT
P:3510C	460-86148-A-2-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-2-C		460-264937	460-263897	11/25/2014 00:11	1	TAL EDI	MMC
P:3546	460-86148-E-2-B		460-265064	460-263045	11/16/2014 10:02	2	TAL EDI	CAM
A:8270	460-86148-E-2-B		460-265064	460-263045	11/25/2014 13:01	2	TAL EDI	FAM
P:3546	460-86148-E-2-A		460-263789	460-262853	11/14/2014 20:01	50	TAL EDI	JMS
A:CT ETPH	460-86148-E-2-A		460-263789	460-262853	11/19/2014 11:45	50	TAL EDI	HJK
A:Moisture	460-86148-D-2		460-263212		11/17/2014 09:12	1	TAL EDI	CJA

Lab ID: 460-86148-3 **Client ID: SB-86(4-5)**

Sample Date/Time: 11/12/2014 09:15 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-B-3-A		460-264604	460-262571	11/13/2014 18:37	1	TAL EDI	AVM
A:8260	460-86148-B-3-A		460-264604	460-262571	11/22/2014 11:04	1	TAL EDI	AAT
P:3546	460-86148-E-3-D		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-3-D		460-264785	460-263045	11/23/2014 23:01	1	TAL EDI	FAM
P:3510C	460-86148-A-3-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-3-C		460-264937	460-263897	11/25/2014 00:31	1	TAL EDI	MMC
P:3546	460-86148-E-3-C		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-3-C		460-263532	460-262853	11/18/2014 15:17	1	TAL EDI	HJK
A:Moisture	460-86148-D-3		460-263212		11/17/2014 09:12	1	TAL EDI	CJA

Lab ID: 460-86148-3 MS **Client ID: SB-86(4-5)**

Sample Date/Time: 11/12/2014 09:15 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-86148-E-3-A MS		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-3-A MS		460-263532	460-262853	11/18/2014 14:14	1	TAL EDI	HJK

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Chronicle

Lab ID: 460-86148-3 MSD **Client ID: SB-86(4-5)**

Sample Date/Time: 11/12/2014 09:15 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-86148-E-3-B MSD		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-3-B MSD		460-263532	460-262853	11/18/2014 14:27	1	TAL EDI	HJK

Lab ID: 460-86148-4 **Client ID: SB-86(6-7)**

Sample Date/Time: 11/12/2014 09:20 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-B-4-A		460-264604	460-262571	11/13/2014 18:38	1	TAL EDI	AVM
A:8260	460-86148-B-4-A		460-264604	460-262571	11/22/2014 11:29	1	TAL EDI	AAT
P:3546	460-86148-E-4-B		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-4-B		460-264785	460-263045	11/23/2014 23:24	1	TAL EDI	FAM
P:3510C	460-86148-A-4-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-4-C		460-264937	460-263897	11/25/2014 00:52	1	TAL EDI	MMC
P:3546	460-86148-E-4-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-4-A		460-263532	460-262853	11/18/2014 15:30	1	TAL EDI	HJK
A:Moisture	460-86148-D-4		460-263212		11/17/2014 09:12	1	TAL EDI	CJA

Lab ID: 460-86148-4 DU **Client ID: SB-86(6-7)**

Sample Date/Time: 11/12/2014 09:20 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-86148-D-4 DU		460-263212		11/17/2014 09:12	1	TAL EDI	CJA

Lab ID: 460-86148-5 **Client ID: SB-87(2-3)**

Sample Date/Time: 11/12/2014 10:05 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-B-5-A		460-264604	460-262571	11/13/2014 18:38	1	TAL EDI	AVM
A:8260	460-86148-B-5-A		460-264604	460-262571	11/22/2014 11:55	1	TAL EDI	AAT
P:3546	460-86148-E-5-B		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-5-B		460-264785	460-263045	11/23/2014 23:47	1	TAL EDI	FAM
P:3510C	460-86148-A-5-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-5-C		460-264937	460-263897	11/25/2014 01:13	1	TAL EDI	MMC
P:3546	460-86148-E-5-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-5-A		460-263532	460-262853	11/18/2014 15:42	1	TAL EDI	HJK
A:Moisture	460-86148-D-5		460-263229		11/17/2014 09:32	1	TAL EDI	CJA

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Chronicle

Lab ID: 460-86148-6 **Client ID: SB-87(5-6)**

Sample Date/Time: 11/12/2014 10:10 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-B-6-A		460-264604	460-262571	11/13/2014 18:38	1	TAL EDI	AVM
A:8260	460-86148-B-6-A		460-264604	460-262571	11/22/2014 12:21	1	TAL EDI	AAT
P:3546	460-86148-E-6-B		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-6-B		460-264785	460-263045	11/24/2014 00:10	1	TAL EDI	FAM
P:3510C	460-86148-A-6-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-6-C		460-264937	460-263897	11/24/2014 20:02	1	TAL EDI	MMC
P:3546	460-86148-E-6-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-6-A		460-263532	460-262853	11/18/2014 15:55	1	TAL EDI	HJK
A:Moisture	460-86148-D-6		460-263229		11/17/2014 09:32	1	TAL EDI	CJA

Lab ID: 460-86148-7 **Client ID: SB-88(5-6)**

Sample Date/Time: 11/12/2014 09:40 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-B-7-A		460-264604	460-262571	11/13/2014 18:39	1	TAL EDI	AVM
A:8260	460-86148-B-7-A		460-264604	460-262571	11/22/2014 14:31	1	TAL EDI	AAT
P:3546	460-86148-E-7-B		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-7-B		460-264785	460-263045	11/24/2014 00:33	1	TAL EDI	FAM
P:3510C	460-86148-A-7-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-7-C		460-264937	460-263897	11/24/2014 20:23	1	TAL EDI	MMC
P:3546	460-86148-E-7-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-7-A		460-263532	460-262853	11/18/2014 16:07	1	TAL EDI	HJK
A:Moisture	460-86148-D-7		460-263229		11/17/2014 09:32	1	TAL EDI	CJA

Lab ID: 460-86148-8 **Client ID: SB-88(6.5-7.5)**

Sample Date/Time: 11/12/2014 09:45 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-D-8-A		460-262952	460-262570	11/13/2014 18:35	50	TAL EDI	AVM
A:8260	460-86148-D-8-A		460-262952	460-262570	11/15/2014 15:40	50	TAL EDI	AAT
P:5030B	460-86148-B-8-A		460-264721		11/23/2014 19:38	1	TAL EDI	SZD
A:8260	460-86148-B-8-A		460-264721		11/23/2014 19:38	1	TAL EDI	SZD
P:3546	460-86148-G-8-B		460-264785	460-263045	11/16/2014 10:02	2	TAL EDI	CAM
A:8270	460-86148-G-8-B		460-264785	460-263045	11/24/2014 02:52	2	TAL EDI	FAM
P:3510C	460-86148-A-8-B		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-8-B		460-264937	460-263897	11/24/2014 20:44	1	TAL EDI	MMC
P:3546	460-86148-G-8-A		460-263789	460-262853	11/14/2014 20:01	5	TAL EDI	JMS
A:CT ETPH	460-86148-G-8-A		460-263789	460-262853	11/19/2014 11:57	5	TAL EDI	HJK
A:Moisture	460-86148-F-8		460-263229		11/17/2014 09:32	1	TAL EDI	CJA

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Chronicle

Lab ID: 460-86148-9 **Client ID: SB-89(5-6)**

Sample Date/Time: 11/12/2014 10:50 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-B-9-A		460-264604	460-262571	11/13/2014 18:39	1	TAL EDI	AVM
A:8260	460-86148-B-9-A		460-264604	460-262571	11/22/2014 12:47	1	TAL EDI	AAT
P:3546	460-86148-E-9-B		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-9-B		460-264785	460-263045	11/24/2014 00:56	1	TAL EDI	FAM
P:3510C	460-86148-A-9-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-9-C		460-264937	460-263897	11/24/2014 21:04	1	TAL EDI	MMC
P:3546	460-86148-E-9-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-9-A		460-263532	460-262853	11/18/2014 16:33	1	TAL EDI	HJK
A:Moisture	460-86148-D-9		460-263229		11/17/2014 09:32	1	TAL EDI	CJA

Lab ID: 460-86148-10 **Client ID: SB-89(6-7)**

Sample Date/Time: 11/12/2014 10:55 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-A-10-A		460-263020	460-262570	11/13/2014 18:35	50	TAL EDI	AVM
A:8260	460-86148-A-10-A		460-263020	460-262570	11/16/2014 08:40	50	TAL EDI	AAT
P:3546	460-86148-E-10-B		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-10-B		460-264785	460-263045	11/24/2014 01:19	1	TAL EDI	FAM
P:3510C	460-86148-A-10-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-10-C		460-264937	460-263897	11/24/2014 21:25	1	TAL EDI	MMC
P:3546	460-86148-E-10-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-10-A		460-263532	460-262853	11/18/2014 16:46	1	TAL EDI	HJK
A:Moisture	460-86148-D-10		460-263229		11/17/2014 09:32	1	TAL EDI	CJA

Lab ID: 460-86148-11 **Client ID: SB-90(1-2)**

Sample Date/Time: 11/12/2014 12:05 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-B-11-A		460-264604	460-262571	11/13/2014 18:40	1	TAL EDI	AVM
A:8260	460-86148-B-11-A		460-264604	460-262571	11/22/2014 13:13	1	TAL EDI	AAT
P:3546	460-86148-E-11-D		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-11-D		460-264785	460-263045	11/24/2014 01:43	1	TAL EDI	FAM
P:3510C	460-86148-A-11-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-11-C		460-264937	460-263897	11/24/2014 21:46	1	TAL EDI	MMC
P:3546	460-86148-E-11-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-11-A		460-263532	460-262853	11/18/2014 16:58	1	TAL EDI	HJK
A:Moisture	460-86148-D-11		460-263229		11/17/2014 09:32	1	TAL EDI	CJA

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Chronicle

Lab ID: 460-86148-11 MS **Client ID: SB-90(1-2)**

Sample Date/Time: 11/12/2014 12:05 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-86148-E-11-B MS		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-11-B MS		460-264785	460-263045	11/23/2014 22:15	1	TAL EDI	FAM

Lab ID: 460-86148-11 MSD **Client ID: SB-90(1-2)**

Sample Date/Time: 11/12/2014 12:05 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3546	460-86148-E-11-C MSD		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-11-C MSD		460-264785	460-263045	11/23/2014 22:38	1	TAL EDI	FAM

Lab ID: 460-86148-12 **Client ID: SB-90(4-5)**

Sample Date/Time: 11/12/2014 12:10 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-B-12-A		460-264604	460-262571	11/13/2014 18:40	1	TAL EDI	AVM
A:8260	460-86148-B-12-A		460-264604	460-262571	11/22/2014 13:39	1	TAL EDI	AAT
P:3546	460-86148-E-12-B		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-12-B		460-264785	460-263045	11/24/2014 02:06	1	TAL EDI	FAM
P:3510C	460-86148-A-12-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-12-C		460-264937	460-263897	11/24/2014 22:07	1	TAL EDI	MMC
P:3546	460-86148-E-12-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-12-A		460-263532	460-262853	11/18/2014 17:10	1	TAL EDI	HJK
A:Moisture	460-86148-D-12		460-263229		11/17/2014 09:32	1	TAL EDI	CJA

Lab ID: 460-86148-13 **Client ID: SB-90(6-7)**

Sample Date/Time: 11/12/2014 12:20 Received Date/Time: 11/13/2014 09:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-86148-B-13-A		460-264604	460-262571	11/13/2014 18:40	1	TAL EDI	AVM
A:8260	460-86148-B-13-A		460-264604	460-262571	11/22/2014 14:05	1	TAL EDI	AAT
P:3546	460-86148-E-13-B		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	460-86148-E-13-B		460-264785	460-263045	11/24/2014 02:29	1	TAL EDI	FAM
P:3510C	460-86148-A-13-C		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	460-86148-A-13-C		460-264937	460-263897	11/24/2014 22:27	1	TAL EDI	MMC
P:3546	460-86148-E-13-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	460-86148-E-13-A		460-263532	460-262853	11/18/2014 17:23	1	TAL EDI	HJK
A:Moisture	460-86148-D-13		460-263229		11/17/2014 09:32	1	TAL EDI	CJA

Client: Weston Solutions, Inc. Job Number: 460-86148-1

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Lab ID: MB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260	MB 460-262952/6		460-262952		11/15/2014 08:35	50	TAL EDI	AAT
A:8260	MB 460-263020/6		460-263020		11/16/2014 08:16	50	TAL EDI	AAT
P:5030B	MB 460-263208/6		460-263208		11/17/2014 10:02	1	TAL EDI	SZD
A:8260	MB 460-263208/6		460-263208		11/17/2014 10:02	1	TAL EDI	SZD
A:8260	MB 460-264604/6		460-264604		11/22/2014 10:31	1	TAL EDI	AAT
P:5030B	MB 460-264721/7		460-264721		11/23/2014 11:37	1	TAL EDI	SZD
A:8260	MB 460-264721/7		460-264721		11/23/2014 11:37	1	TAL EDI	SZD
P:3546	MB 460-263045/1-A		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	MB 460-263045/1-A		460-264785	460-263045	11/23/2014 21:07	1	TAL EDI	FAM
P:3510C	MB 460-263897/1-A		460-265145	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	MB 460-263897/1-A		460-265145	460-263897	11/25/2014 19:11	1	TAL EDI	MMC
P:3546	MB 460-262853/1-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	MB 460-262853/1-A		460-263532	460-262853	11/18/2014 13:36	1	TAL EDI	HJK

Lab ID: LB **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LB 460-263281/1-A		460-264721		11/23/2014 19:13	1	TAL EDI	SZD
A:8260	LB 460-263281/1-A		460-264721		11/23/2014 19:13	1	TAL EDI	SZD
P:3510C	LB 460-263633/1-B		460-264937	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	LB 460-263633/1-B		460-264937	460-263897	11/24/2014 23:50	1	TAL EDI	MMC

Lab ID: LCS **Client ID: N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260	LCS 460-262952/3		460-262952		11/15/2014 07:16	50	TAL EDI	AAT
A:8260	LCS 460-263020/3		460-263020		11/16/2014 07:04	50	TAL EDI	AAT
P:5030B	LCS 460-263208/3		460-263208		11/17/2014 08:46	1	TAL EDI	SZD
A:8260	LCS 460-263208/3		460-263208		11/17/2014 08:46	1	TAL EDI	SZD
A:8260	LCS 460-264604/3		460-264604		11/22/2014 08:55	1	TAL EDI	AAT
P:5030B	LCS 460-264721/4		460-264721		11/23/2014 10:21	1	TAL EDI	SZD
A:8260	LCS 460-264721/4		460-264721		11/23/2014 10:21	1	TAL EDI	SZD
P:3546	LCS 460-263045/2-A		460-264785	460-263045	11/16/2014 10:02	1	TAL EDI	CAM
A:8270	LCS 460-263045/2-A		460-264785	460-263045	11/23/2014 21:29	1	TAL EDI	FAM
P:3510C	LCS 460-263897/2-A		460-266224	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	LCS 460-263897/2-A		460-266224	460-263897	12/01/2014 19:45	1	TAL EDI	CAZ
P:3546	LCS 460-262853/2-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	LCS 460-262853/2-A		460-263532	460-262853	11/18/2014 13:49	1	TAL EDI	HJK

Client: Weston Solutions, Inc. Job Number: 460-86148-1

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Lab ID: **LCSD** **Client ID:** **N/A**

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:8260	LCSD 460-262952/4		460-262952		11/15/2014 07:47	50	TAL EDI	AAT
A:8260	LCSD 460-263020/4		460-263020		11/16/2014 07:29	50	TAL EDI	AAT
P:5030B	LCSD 460-263208/4		460-263208		11/17/2014 09:11	1	TAL EDI	SZD
A:8260	LCSD 460-263208/4		460-263208		11/17/2014 09:11	1	TAL EDI	SZD
A:8260	LCSD 460-264604/4		460-264604		11/22/2014 09:21	1	TAL EDI	AAT
P:5030B	LCSD 460-264721/5		460-264721		11/23/2014 10:46	1	TAL EDI	SZD
A:8260	LCSD 460-264721/5		460-264721		11/23/2014 10:46	1	TAL EDI	SZD
P:3510C	LCSD 460-263897/3-A		460-266224	460-263897	11/19/2014 16:17	1	TAL EDI	WAT
A:8270	LCSD 460-263897/3-A		460-266224	460-263897	12/01/2014 22:47	1	TAL EDI	CAZ
P:3546	LCSD 460-262853/3-A		460-263532	460-262853	11/14/2014 20:01	1	TAL EDI	JMS
A:CT ETPH	LCSD 460-262853/3-A		460-263532	460-262853	11/18/2014 14:01	1	TAL EDI	HJK

Lab References:
TAL EDI = TestAmerica Edison

METHOD SUMMARY

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260	
Closed System Purge and Trap	TAL EDI		SW846 5035
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260	
SPLP Extraction	TAL EDI		SW846 1312
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Compounds (GC/MS)	TAL EDI	SW846 8270	
Microwave Extraction	TAL EDI		SW846 3546
Semivolatile Compounds (GC/MS)	TAL EDI	SW846 8270	
SPLP Extraction	TAL EDI		SW846 1312
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Connecticut - Extractable Total petroleum Hydrocarbons (GC)	TAL EDI	STATE CT ETPH	
Microwave Extraction	TAL EDI		SW846 3546
Percent Moisture	TAL EDI	EPA Moisture	
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL EDI	SW846 8260	
Purge and Trap	TAL EDI		SW846 5030B

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

STATE = State of Connecticut Department of Public Health

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method	Analyst	Analyst ID
SW846 8260	Desai, Saurab	SZD
SW846 8260	Tupayachi, Audberto	AAT
SW846 8270	Crocco, Michael	MMC
SW846 8270	Manlangit, Ferdie	FAM
STATE CT ETPH	Kim, Ho	HJK
EPA Moisture	Armbruster, Chris	CJA

SAMPLE SUMMARY

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-86148-1TB	TB-111214	Water	11/12/2014 1220	11/13/2014 0930
460-86148-2	SB-85(1-2)	Solid	11/12/2014 1130	11/13/2014 0930
460-86148-3	SB-86(4-5)	Solid	11/12/2014 0915	11/13/2014 0930
460-86148-4	SB-86(6-7)	Solid	11/12/2014 0920	11/13/2014 0930
460-86148-5	SB-87(2-3)	Solid	11/12/2014 1005	11/13/2014 0930
460-86148-6	SB-87(5-6)	Solid	11/12/2014 1010	11/13/2014 0930
460-86148-7	SB-88(5-6)	Solid	11/12/2014 0940	11/13/2014 0930
460-86148-8	SB-88(6.5-7.5)	Solid	11/12/2014 0945	11/13/2014 0930
460-86148-9	SB-89(5-6)	Solid	11/12/2014 1050	11/13/2014 0930
460-86148-10	SB-89(6-7)	Solid	11/12/2014 1055	11/13/2014 0930
460-86148-11	SB-90(1-2)	Solid	11/12/2014 1205	11/13/2014 0930
460-86148-12	SB-90(4-5)	Solid	11/12/2014 1210	11/13/2014 0930
460-86148-13	SB-90(6-7)	Solid	11/12/2014 1220	11/13/2014 0930

SAMPLE RESULTS

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **TB-111214**

Lab Sample ID: 460-86148-1TB Date Sampled: 11/12/2014 1220
Client Matrix: Water Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P92482.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1053			Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1053				

Analyte	Result (ug/L)	Qualifier	RL	RL
Acetone	2.5	U	2.5	2.5
Acrylonitrile	2.0	U	2.0	2.0
Benzene	0.50	U	0.50	0.50
Bromobenzene	0.50	U	0.50	0.50
n-Butylbenzene	0.50	U	0.50	0.50
sec-Butylbenzene	0.50	U	0.50	0.50
tert-Butylbenzene	0.50	U	0.50	0.50
Dichlorobromomethane	0.50	U	0.50	0.50
Bromoform	0.50	U	0.50	0.50
Bromomethane	0.50	U	0.50	0.50
2-Butanone (MEK)	2.5	U	2.5	2.5
Chlorobenzene	0.50	U	0.50	0.50
Carbon disulfide	0.50	U	0.50	0.50
Carbon tetrachloride	0.50	U	0.50	0.50
Chloroethane	0.50	U	0.50	0.50
Chloroform	0.50	U	0.50	0.50
Chloromethane	0.50	U	0.50	0.50
Chlorodibromomethane	0.50	U	0.50	0.50
1,2-Dibromo-3-Chloropropane	0.50	U	0.50	0.50
1,2-Dichlorobenzene	0.50	U	0.50	0.50
1,3-Dichlorobenzene	0.50	U	0.50	0.50
1,4-Dichlorobenzene	0.50	U	0.50	0.50
trans-1,4-Dichloro-2-butene	0.50	U	0.50	0.50
1,1-Dichloroethane	0.50	U	0.50	0.50
1,2-Dichloroethane	0.50	U	0.50	0.50
1,1-Dichloroethene	0.50	U	0.50	0.50
cis-1,2-Dichloroethene	0.50	U	0.50	0.50
trans-1,2-Dichloroethene	0.50	U	0.50	0.50
1,2-Dichloropropane	0.50	U	0.50	0.50
1,3-Dichloropropane	0.50	U	0.50	0.50
2,2-Dichloropropane	0.50	U	0.50	0.50
1,1-Dichloropropene	0.50	U	0.50	0.50
cis-1,3-Dichloropropene	0.50	U	0.50	0.50
trans-1,3-Dichloropropene	0.50	U	0.50	0.50
Ethylbenzene	0.50	U	0.50	0.50
Hexachlorobutadiene	0.50	U	0.50	0.50
2-Hexanone	2.5	U	2.5	2.5
Isopropylbenzene	0.50	U	0.50	0.50
Methylene Chloride	0.50	U	0.50	0.50
4-Methyl-2-pentanone (MIBK)	2.5	U	2.5	2.5
Methyl tert-butyl ether	0.50	U	0.50	0.50
Naphthalene	0.50	U	0.50	0.50
N-Propylbenzene	0.50	U	0.50	0.50
Styrene	0.50	U	0.50	0.50
1,1,1,2-Tetrachloroethane	0.50	U	0.50	0.50
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.50

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **TB-111214**

Lab Sample ID: 460-86148-1TB Date Sampled: 11/12/2014 1220
Client Matrix: Water Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P92482.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1053			Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1053				

Analyte	Result (ug/L)	Qualifier	RL	RL
Toluene	0.50	U	0.50	0.50
Tetrachloroethene	0.50	U	0.50	0.50
Tetrahydrofuran	1.0	U	1.0	1.0
1,2,3-Trichlorobenzene	0.50	U	0.50	0.50
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
1,1,1-Trichloroethane	0.50	U	0.50	0.50
1,1,2-Trichloroethane	0.50	U	0.50	0.50
Trichloroethene	0.50	U	0.50	0.50
Trichlorofluoromethane	0.50	U	0.50	0.50
1,2,3-Trichloropropane	0.50	U	0.50	0.50
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	0.50
1,2,4-Trimethylbenzene	0.50	U	0.50	0.50
1,3,5-Trimethylbenzene	0.50	U	0.50	0.50
Vinyl chloride	0.50	U	0.50	0.50
m-Xylene & p-Xylene	1.0	U	1.0	1.0
o-Xylene	0.50	U	0.50	0.50
Xylenes, Total	1.5	U	1.5	1.5
2-Chlorotoluene	0.50	U	0.50	0.50
4-Chlorotoluene	0.50	U	0.50	0.50
Ethylene Dibromide	0.50	U	0.50	0.50
Dibromomethane	0.50	U	0.50	0.50
Dichlorodifluoromethane	0.50	U	0.50	0.50
4-Isopropyltoluene	0.50	U	0.50	0.50

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	80		70 - 130
Toluene-d8 (Surr)	79		70 - 130
4-Bromofluorobenzene	80		70 - 130
Dibromofluoromethane (Surr)	82		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-85(1-2)**

Lab Sample ID: 460-86148-2 Date Sampled: 11/12/2014 1130
Client Matrix: Solid % Moisture: 14.3 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93382.D
Dilution:	1.0			Initial Weight/Volume:	4.632 g
Analysis Date:	11/22/2014 1457			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1837				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.3	U	1.3	1.3
1,1,1-Trichloroethane		1.3	U	1.3	1.3
1,1,2,2-Tetrachloroethane		1.3	U	1.3	1.3
1,1,2-Trichloro-1,2,2-trifluoroethane		1.3	U	1.3	1.3
1,1,2-Trichloroethane		1.3	U	1.3	1.3
1,1-Dichloroethane		1.3	U	1.3	1.3
1,1-Dichloroethene		1.3	U	1.3	1.3
1,1-Dichloropropene		1.3	U	1.3	1.3
1,2,3-Trichlorobenzene		1.3	U	1.3	1.3
1,2,3-Trichloropropane		1.3	U	1.3	1.3
1,2,4-Trichlorobenzene		1.3	U	1.3	1.3
1,2,4-Trimethylbenzene		1.6		1.3	1.3
1,2-Dibromo-3-Chloropropane		1.3	U	1.3	1.3
1,2-Dichlorobenzene		1.3	U	1.3	1.3
1,2-Dichloropropane		1.3	U	1.3	1.3
1,3,5-Trimethylbenzene		1.8		1.3	1.3
1,3-Dichlorobenzene		1.3	U	1.3	1.3
1,3-Dichloropropane		1.3	U	1.3	1.3
1,4-Dichlorobenzene		1.3	U	1.3	1.3
2,2-Dichloropropane		1.3	U	1.3	1.3
Acrylonitrile		63	U	63	63
Benzene		1.3	U	1.3	1.3
Bromobenzene		1.3	U	1.3	1.3
Bromoform		1.3	U	1.3	1.3
Bromomethane		1.3	U	1.3	1.3
Carbon disulfide		1.3	U	1.3	1.3
Carbon tetrachloride		1.3	U	1.3	1.3
Chlorobenzene		1.3	U	1.3	1.3
Chlorodibromomethane		1.3	U	1.3	1.3
Chloroethane		1.3	U	1.3	1.3
Hexachlorobutadiene		1.3	U	1.3	1.3
Isopropylbenzene		1.3	U	1.3	1.3
Methyl tert-butyl ether		1.3	U	1.3	1.3
Methylene Chloride		1.3	U	1.3	1.3
Naphthalene		2.5		1.3	1.3
n-Butylbenzene		1.3	U	1.3	1.3
N-Propylbenzene		1.3	U	1.3	1.3
o-Xylene		1.3	U	1.3	1.3
sec-Butylbenzene		1.3	U	1.3	1.3
Styrene		1.3	U	1.3	1.3
tert-Butylbenzene		1.3	U	1.3	1.3
Tetrachloroethene		1.3	U	1.3	1.3
Tetrahydrofuran		2.5	U	2.5	2.5
Toluene		1.3	U	1.3	1.3
trans-1,2-Dichloroethene		1.3	U	1.3	1.3
trans-1,3-Dichloropropene		1.3	U	1.3	1.3

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-85(1-2)**

Lab Sample ID: 460-86148-2 Date Sampled: 11/12/2014 1130
Client Matrix: Solid % Moisture: 14.3 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93382.D
Dilution:	1.0			Initial Weight/Volume:	4.632 g
Analysis Date:	11/22/2014 1457			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1837				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.3	U	1.3	1.3
Trichloroethene		1.3	U	1.3	1.3
Trichlorofluoromethane		1.3	U	1.3	1.3
Vinyl chloride		1.3	U	1.3	1.3
Xylenes, Total		2.5	U	2.5	2.5
2-Butanone (MEK)		13	U	13	13
Chloroform		1.3	U	1.3	1.3
1,2-Dichloroethane		1.3	U	1.3	1.3
2-Hexanone		13	U	13	13
4-Methyl-2-pentanone (MIBK)		13	U	13	13
Acetone		200		13	13
Dichlorobromomethane		1.3	U	1.3	1.3
Chloromethane		1.3	U	1.3	1.3
cis-1,2-Dichloroethene		1.3	U	1.3	1.3
cis-1,3-Dichloropropene		1.3	U	1.3	1.3
Ethylbenzene		1.3	U	1.3	1.3
m-Xylene & p-Xylene		1.3	U	1.3	1.3
2-Chlorotoluene		1.3	U	1.3	1.3
4-Chlorotoluene		1.3	U	1.3	1.3
Ethylene Dibromide		1.3	U	1.3	1.3
Dibromomethane		1.3	U	1.3	1.3
Dichlorodifluoromethane		1.3	U	1.3	1.3
4-Isopropyltoluene		1.3	U	1.3	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	101		70 - 130
4-Bromofluorobenzene	92		70 - 130
Dibromofluoromethane (Surr)	106		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(4-5)**

Lab Sample ID: 460-86148-3 Date Sampled: 11/12/2014 0915
Client Matrix: Solid % Moisture: 13.6 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93373.D
Dilution:	1.0			Initial Weight/Volume:	5.332 g
Analysis Date:	11/22/2014 1104			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1837				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.1	U	1.1	1.1
1,1,1-Trichloroethane		1.1	U	1.1	1.1
1,1,2,2-Tetrachloroethane		1.1	U	1.1	1.1
1,1,2-Trichloro-1,2,2-trifluoroethane		1.1	U	1.1	1.1
1,1,2-Trichloroethane		1.1	U	1.1	1.1
1,1-Dichloroethane		1.1	U	1.1	1.1
1,1-Dichloroethene		1.1	U	1.1	1.1
1,1-Dichloropropene		1.1	U	1.1	1.1
1,2,3-Trichlorobenzene		1.1	U	1.1	1.1
1,2,3-Trichloropropane		1.1	U	1.1	1.1
1,2,4-Trichlorobenzene		1.1	U	1.1	1.1
1,2,4-Trimethylbenzene		1.1	U	1.1	1.1
1,2-Dibromo-3-Chloropropane		1.1	U	1.1	1.1
1,2-Dichlorobenzene		1.1	U	1.1	1.1
1,2-Dichloropropane		1.1	U	1.1	1.1
1,3,5-Trimethylbenzene		1.1	U	1.1	1.1
1,3-Dichlorobenzene		1.1	U	1.1	1.1
1,3-Dichloropropane		1.1	U	1.1	1.1
1,4-Dichlorobenzene		1.1	U	1.1	1.1
2,2-Dichloropropane		1.1	U	1.1	1.1
Acrylonitrile		54	U	54	54
Benzene		1.1	U	1.1	1.1
Bromobenzene		1.1	U	1.1	1.1
Bromoform		1.1	U	1.1	1.1
Bromomethane		1.1	U	1.1	1.1
Carbon disulfide		2.0		1.1	1.1
Carbon tetrachloride		1.1	U	1.1	1.1
Chlorobenzene		1.1	U	1.1	1.1
Chlorodibromomethane		1.1	U	1.1	1.1
Chloroethane		1.1	U	1.1	1.1
Hexachlorobutadiene		1.1	U	1.1	1.1
Isopropylbenzene		1.1	U	1.1	1.1
Methyl tert-butyl ether		1.1	U	1.1	1.1
Methylene Chloride		6.8		1.1	1.1
Naphthalene		1.1	U	1.1	1.1
n-Butylbenzene		1.1	U	1.1	1.1
N-Propylbenzene		1.1	U	1.1	1.1
o-Xylene		1.1	U	1.1	1.1
sec-Butylbenzene		1.1	U	1.1	1.1
Styrene		1.1	U	1.1	1.1
tert-Butylbenzene		1.1	U	1.1	1.1
Tetrachloroethene		1.1	U	1.1	1.1
Tetrahydrofuran		15		2.2	2.2
Toluene		1.1	U	1.1	1.1
trans-1,2-Dichloroethene		1.1	U	1.1	1.1
trans-1,3-Dichloropropene		1.1	U	1.1	1.1

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(4-5)**

Lab Sample ID: 460-86148-3 Date Sampled: 11/12/2014 0915
Client Matrix: Solid % Moisture: 13.6 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93373.D
Dilution:	1.0			Initial Weight/Volume:	5.332 g
Analysis Date:	11/22/2014 1104			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1837				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.1	U	1.1	1.1
Trichloroethene		1.1	U	1.1	1.1
Trichlorofluoromethane		1.1	U	1.1	1.1
Vinyl chloride		1.1	U	1.1	1.1
Xylenes, Total		2.2	U	2.2	2.2
2-Butanone (MEK)		11	U	11	11
Chloroform		1.1	U	1.1	1.1
1,2-Dichloroethane		1.1	U	1.1	1.1
2-Hexanone		11	U	11	11
4-Methyl-2-pentanone (MIBK)		11	U	11	11
Acetone		40		11	11
Dichlorobromomethane		1.1	U	1.1	1.1
Chloromethane		1.1	U	1.1	1.1
cis-1,2-Dichloroethene		1.1	U	1.1	1.1
cis-1,3-Dichloropropene		1.1	U	1.1	1.1
Ethylbenzene		1.1	U	1.1	1.1
m-Xylene & p-Xylene		1.1	U	1.1	1.1
2-Chlorotoluene		1.1	U	1.1	1.1
4-Chlorotoluene		1.1	U	1.1	1.1
Ethylene Dibromide		1.1	U	1.1	1.1
Dibromomethane		1.1	U	1.1	1.1
Dichlorodifluoromethane		1.1	U	1.1	1.1
4-Isopropyltoluene		1.1	U	1.1	1.1

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane (Surr)	110		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(6-7)**

Lab Sample ID: 460-86148-4 Date Sampled: 11/12/2014 0920
Client Matrix: Solid % Moisture: 12.2 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93374.D
Dilution:	1.0			Initial Weight/Volume:	5.791 g
Analysis Date:	11/22/2014 1129			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1838				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		0.98	U	0.98	0.98
1,1,1-Trichloroethane		0.98	U	0.98	0.98
1,1,2,2-Tetrachloroethane		0.98	U	0.98	0.98
1,1,2-Trichloro-1,2,2-trifluoroethane		0.98	U	0.98	0.98
1,1,2-Trichloroethane		0.98	U	0.98	0.98
1,1-Dichloroethane		0.98	U	0.98	0.98
1,1-Dichloroethene		0.98	U	0.98	0.98
1,1-Dichloropropene		0.98	U	0.98	0.98
1,2,3-Trichlorobenzene		0.98	U	0.98	0.98
1,2,3-Trichloropropane		0.98	U	0.98	0.98
1,2,4-Trichlorobenzene		0.98	U	0.98	0.98
1,2,4-Trimethylbenzene		0.98	U	0.98	0.98
1,2-Dibromo-3-Chloropropane		0.98	U	0.98	0.98
1,2-Dichlorobenzene		0.98	U	0.98	0.98
1,2-Dichloropropane		0.98	U	0.98	0.98
1,3,5-Trimethylbenzene		0.98	U	0.98	0.98
1,3-Dichlorobenzene		0.98	U	0.98	0.98
1,3-Dichloropropane		0.98	U	0.98	0.98
1,4-Dichlorobenzene		0.98	U	0.98	0.98
2,2-Dichloropropane		0.98	U	0.98	0.98
Acrylonitrile		49	U	49	49
Benzene		0.98	U	0.98	0.98
Bromobenzene		0.98	U	0.98	0.98
Bromoform		0.98	U	0.98	0.98
Bromomethane		0.98	U	0.98	0.98
Carbon disulfide		1.3		0.98	0.98
Carbon tetrachloride		0.98	U	0.98	0.98
Chlorobenzene		0.98	U	0.98	0.98
Chlorodibromomethane		0.98	U	0.98	0.98
Chloroethane		0.98	U	0.98	0.98
Hexachlorobutadiene		0.98	U	0.98	0.98
Isopropylbenzene		0.98	U	0.98	0.98
Methyl tert-butyl ether		0.98	U	0.98	0.98
Methylene Chloride		4.2		0.98	0.98
Naphthalene		0.98	U	0.98	0.98
n-Butylbenzene		0.98	U	0.98	0.98
N-Propylbenzene		0.98	U	0.98	0.98
o-Xylene		0.98	U	0.98	0.98
sec-Butylbenzene		0.98	U	0.98	0.98
Styrene		0.98	U	0.98	0.98
tert-Butylbenzene		0.98	U	0.98	0.98
Tetrachloroethene		0.98	U	0.98	0.98
Tetrahydrofuran		2.0	U	2.0	2.0
Toluene		0.98	U	0.98	0.98
trans-1,2-Dichloroethene		0.98	U	0.98	0.98
trans-1,3-Dichloropropene		0.98	U	0.98	0.98

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(6-7)**

Lab Sample ID: 460-86148-4 Date Sampled: 11/12/2014 0920
Client Matrix: Solid % Moisture: 12.2 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93374.D
Dilution:	1.0			Initial Weight/Volume:	5.791 g
Analysis Date:	11/22/2014 1129			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1838				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		0.98	U	0.98	0.98
Trichloroethene		0.98	U	0.98	0.98
Trichlorofluoromethane		0.98	U	0.98	0.98
Vinyl chloride		0.98	U	0.98	0.98
Xylenes, Total		2.0	U	2.0	2.0
2-Butanone (MEK)		9.8	U	9.8	9.8
Chloroform		0.98	U	0.98	0.98
1,2-Dichloroethane		0.98	U	0.98	0.98
2-Hexanone		9.8	U	9.8	9.8
4-Methyl-2-pentanone (MIBK)		9.8	U	9.8	9.8
Acetone		36		9.8	9.8
Dichlorobromomethane		0.98	U	0.98	0.98
Chloromethane		0.98	U	0.98	0.98
cis-1,2-Dichloroethene		0.98	U	0.98	0.98
cis-1,3-Dichloropropene		0.98	U	0.98	0.98
Ethylbenzene		0.98	U	0.98	0.98
m-Xylene & p-Xylene		0.98	U	0.98	0.98
2-Chlorotoluene		0.98	U	0.98	0.98
4-Chlorotoluene		0.98	U	0.98	0.98
Ethylene Dibromide		0.98	U	0.98	0.98
Dibromomethane		0.98	U	0.98	0.98
Dichlorodifluoromethane		0.98	U	0.98	0.98
4-Isopropyltoluene		0.98	U	0.98	0.98

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	120		70 - 130
Toluene-d8 (Surr)	102		70 - 130
4-Bromofluorobenzene	104		70 - 130
Dibromofluoromethane (Surr)	118		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(2-3)**

Lab Sample ID: 460-86148-5 Date Sampled: 11/12/2014 1005
Client Matrix: Solid % Moisture: 24.6 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93375.D
Dilution:	1.0			Initial Weight/Volume:	5.264 g
Analysis Date:	11/22/2014 1155			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1838				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.3	U	1.3	1.3
1,1,1-Trichloroethane		1.3	U	1.3	1.3
1,1,2,2-Tetrachloroethane		1.3	U	1.3	1.3
1,1,2-Trichloro-1,2,2-trifluoroethane		1.3	U	1.3	1.3
1,1,2-Trichloroethane		1.3	U	1.3	1.3
1,1-Dichloroethane		1.3	U	1.3	1.3
1,1-Dichloroethene		1.3	U	1.3	1.3
1,1-Dichloropropene		1.3	U	1.3	1.3
1,2,3-Trichlorobenzene		1.3	U	1.3	1.3
1,2,3-Trichloropropane		1.3	U	1.3	1.3
1,2,4-Trichlorobenzene		1.3	U	1.3	1.3
1,2,4-Trimethylbenzene		1.3	U	1.3	1.3
1,2-Dibromo-3-Chloropropane		1.3	U	1.3	1.3
1,2-Dichlorobenzene		1.3	U	1.3	1.3
1,2-Dichloropropane		1.3	U	1.3	1.3
1,3,5-Trimethylbenzene		1.3	U	1.3	1.3
1,3-Dichlorobenzene		1.3	U	1.3	1.3
1,3-Dichloropropane		1.3	U	1.3	1.3
1,4-Dichlorobenzene		1.3	U	1.3	1.3
2,2-Dichloropropane		1.3	U	1.3	1.3
Acrylonitrile		63	U	63	63
Benzene		1.3	U	1.3	1.3
Bromobenzene		1.3	U	1.3	1.3
Bromoform		1.3	U	1.3	1.3
Bromomethane		1.3	U	1.3	1.3
Carbon disulfide		4.9		1.3	1.3
Carbon tetrachloride		1.3	U	1.3	1.3
Chlorobenzene		1.3	U	1.3	1.3
Chlorodibromomethane		1.3	U	1.3	1.3
Chloroethane		1.3	U	1.3	1.3
Hexachlorobutadiene		1.3	U	1.3	1.3
Isopropylbenzene		1.3	U	1.3	1.3
Methyl tert-butyl ether		1.3	U	1.3	1.3
Methylene Chloride		7.3		1.3	1.3
Naphthalene		1.3	U	1.3	1.3
n-Butylbenzene		1.3	U	1.3	1.3
N-Propylbenzene		1.3	U	1.3	1.3
o-Xylene		1.3	U	1.3	1.3
sec-Butylbenzene		1.3	U	1.3	1.3
Styrene		1.3	U	1.3	1.3
tert-Butylbenzene		1.3	U	1.3	1.3
Tetrachloroethene		1.3	U	1.3	1.3
Tetrahydrofuran		16		2.5	2.5
Toluene		1.3	U	1.3	1.3
trans-1,2-Dichloroethene		1.3	U	1.3	1.3
trans-1,3-Dichloropropene		1.3	U	1.3	1.3

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(2-3)**

Lab Sample ID: 460-86148-5 Date Sampled: 11/12/2014 1005
Client Matrix: Solid % Moisture: 24.6 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93375.D
Dilution:	1.0			Initial Weight/Volume:	5.264 g
Analysis Date:	11/22/2014 1155			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1838				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.3	U	1.3	1.3
Trichloroethene		1.3	U	1.3	1.3
Trichlorofluoromethane		1.3	U	1.3	1.3
Vinyl chloride		1.3	U	1.3	1.3
Xylenes, Total		2.5	U	2.5	2.5
2-Butanone (MEK)		13		13	13
Chloroform		1.3	U	1.3	1.3
1,2-Dichloroethane		1.3	U	1.3	1.3
2-Hexanone		13	U	13	13
4-Methyl-2-pentanone (MIBK)		13	U	13	13
Acetone		80		13	13
Dichlorobromomethane		1.3	U	1.3	1.3
Chloromethane		1.3	U	1.3	1.3
cis-1,2-Dichloroethene		1.3	U	1.3	1.3
cis-1,3-Dichloropropene		1.3	U	1.3	1.3
Ethylbenzene		1.3	U	1.3	1.3
m-Xylene & p-Xylene		1.3	U	1.3	1.3
2-Chlorotoluene		1.3	U	1.3	1.3
4-Chlorotoluene		1.3	U	1.3	1.3
Ethylene Dibromide		1.3	U	1.3	1.3
Dibromomethane		1.3	U	1.3	1.3
Dichlorodifluoromethane		1.3	U	1.3	1.3
4-Isopropyltoluene		1.3	U	1.3	1.3

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	105		70 - 130
Dibromofluoromethane (Surr)	116		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(5-6)**

Lab Sample ID: 460-86148-6 Date Sampled: 11/12/2014 1010
Client Matrix: Solid % Moisture: 19.8 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93376.D
Dilution:	1.0			Initial Weight/Volume:	6.007 g
Analysis Date:	11/22/2014 1221			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1838				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.0	U	1.0	1.0
1,1,1-Trichloroethane		1.0	U	1.0	1.0
1,1,2,2-Tetrachloroethane		1.0	U	1.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane		1.0	U	1.0	1.0
1,1,2-Trichloroethane		1.0	U	1.0	1.0
1,1-Dichloroethane		1.0	U	1.0	1.0
1,1-Dichloroethene		1.0	U	1.0	1.0
1,1-Dichloropropene		1.0	U	1.0	1.0
1,2,3-Trichlorobenzene		1.0	U	1.0	1.0
1,2,3-Trichloropropane		1.0	U	1.0	1.0
1,2,4-Trichlorobenzene		1.0	U	1.0	1.0
1,2,4-Trimethylbenzene		1.0	U	1.0	1.0
1,2-Dibromo-3-Chloropropane		1.0	U	1.0	1.0
1,2-Dichlorobenzene		1.0	U	1.0	1.0
1,2-Dichloropropane		1.0	U	1.0	1.0
1,3,5-Trimethylbenzene		1.0	U	1.0	1.0
1,3-Dichlorobenzene		1.0	U	1.0	1.0
1,3-Dichloropropane		1.0	U	1.0	1.0
1,4-Dichlorobenzene		1.0	U	1.0	1.0
2,2-Dichloropropane		1.0	U	1.0	1.0
Acrylonitrile		52	U	52	52
Benzene		1.0	U	1.0	1.0
Bromobenzene		1.0	U	1.0	1.0
Bromoform		1.0	U	1.0	1.0
Bromomethane		1.0	U	1.0	1.0
Carbon disulfide		3.2		1.0	1.0
Carbon tetrachloride		1.0	U	1.0	1.0
Chlorobenzene		1.0	U	1.0	1.0
Chlorodibromomethane		1.0	U	1.0	1.0
Chloroethane		1.0	U	1.0	1.0
Hexachlorobutadiene		1.0	U	1.0	1.0
Isopropylbenzene		1.0	U	1.0	1.0
Methyl tert-butyl ether		1.0	U	1.0	1.0
Methylene Chloride		5.3		1.0	1.0
Naphthalene		1.0	U	1.0	1.0
n-Butylbenzene		1.0	U	1.0	1.0
N-Propylbenzene		1.0	U	1.0	1.0
o-Xylene		1.0	U	1.0	1.0
sec-Butylbenzene		1.0	U	1.0	1.0
Styrene		1.0	U	1.0	1.0
tert-Butylbenzene		1.0	U	1.0	1.0
Tetrachloroethene		1.0	U	1.0	1.0
Tetrahydrofuran		15		2.1	2.1
Toluene		1.0	U	1.0	1.0
trans-1,2-Dichloroethene		1.0	U	1.0	1.0
trans-1,3-Dichloropropene		1.0	U	1.0	1.0

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(5-6)**

Lab Sample ID: 460-86148-6 Date Sampled: 11/12/2014 1010
Client Matrix: Solid % Moisture: 19.8 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93376.D
Dilution:	1.0			Initial Weight/Volume:	6.007 g
Analysis Date:	11/22/2014 1221			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1838				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.0	U	1.0	1.0
Trichloroethene		1.0	U	1.0	1.0
Trichlorofluoromethane		1.0	U	1.0	1.0
Vinyl chloride		1.0	U	1.0	1.0
Xylenes, Total		2.1	U	2.1	2.1
2-Butanone (MEK)		10	U	10	10
Chloroform		1.0	U	1.0	1.0
1,2-Dichloroethane		1.0	U	1.0	1.0
2-Hexanone		10	U	10	10
4-Methyl-2-pentanone (MIBK)		10	U	10	10
Acetone		25		10	10
Dichlorobromomethane		1.0	U	1.0	1.0
Chloromethane		1.0	U	1.0	1.0
cis-1,2-Dichloroethene		1.0	U	1.0	1.0
cis-1,3-Dichloropropene		1.0	U	1.0	1.0
Ethylbenzene		1.0	U	1.0	1.0
m-Xylene & p-Xylene		1.0	U	1.0	1.0
2-Chlorotoluene		1.0	U	1.0	1.0
4-Chlorotoluene		1.0	U	1.0	1.0
Ethylene Dibromide		1.0	U	1.0	1.0
Dibromomethane		1.0	U	1.0	1.0
Dichlorodifluoromethane		1.0	U	1.0	1.0
4-Isopropyltoluene		1.0	U	1.0	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	112		70 - 130
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene	102		70 - 130
Dibromofluoromethane (Surr)	110		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(5-6)**

Lab Sample ID: 460-86148-7 Date Sampled: 11/12/2014 0940
Client Matrix: Solid % Moisture: 19.3 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93381.D
Dilution:	1.0			Initial Weight/Volume:	5.93 g
Analysis Date:	11/22/2014 1431			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1839				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.0	U	1.0	1.0
1,1,1-Trichloroethane		1.0	U	1.0	1.0
1,1,2,2-Tetrachloroethane		1.0	U	1.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane		1.0	U	1.0	1.0
1,1,2-Trichloroethane		1.0	U	1.0	1.0
1,1-Dichloroethane		1.0	U	1.0	1.0
1,1-Dichloroethene		1.0	U	1.0	1.0
1,1-Dichloropropene		1.0	U	1.0	1.0
1,2,3-Trichlorobenzene		1.0	U	1.0	1.0
1,2,3-Trichloropropane		1.0	U	1.0	1.0
1,2,4-Trichlorobenzene		1.0	U	1.0	1.0
1,2,4-Trimethylbenzene		1.0	U	1.0	1.0
1,2-Dibromo-3-Chloropropane		1.0	U	1.0	1.0
1,2-Dichlorobenzene		1.0	U	1.0	1.0
1,2-Dichloropropane		1.0	U	1.0	1.0
1,3,5-Trimethylbenzene		1.0	U	1.0	1.0
1,3-Dichlorobenzene		1.0	U	1.0	1.0
1,3-Dichloropropane		1.0	U	1.0	1.0
1,4-Dichlorobenzene		1.0	U	1.0	1.0
2,2-Dichloropropane		1.0	U	1.0	1.0
Acrylonitrile		52	U	52	52
Benzene		1.0	U	1.0	1.0
Bromobenzene		1.0	U	1.0	1.0
Bromoform		1.0	U	1.0	1.0
Bromomethane		1.0	U	1.0	1.0
Carbon disulfide		15		1.0	1.0
Carbon tetrachloride		1.0	U	1.0	1.0
Chlorobenzene		1.0	U	1.0	1.0
Chlorodibromomethane		1.0	U	1.0	1.0
Chloroethane		1.0	U	1.0	1.0
Hexachlorobutadiene		1.0	U	1.0	1.0
Isopropylbenzene		1.0	U	1.0	1.0
Methyl tert-butyl ether		1.0	U	1.0	1.0
Methylene Chloride		4.9		1.0	1.0
Naphthalene		1.0	U	1.0	1.0
n-Butylbenzene		1.0	U	1.0	1.0
N-Propylbenzene		1.0	U	1.0	1.0
o-Xylene		1.0	U	1.0	1.0
sec-Butylbenzene		1.0	U	1.0	1.0
Styrene		1.0	U	1.0	1.0
tert-Butylbenzene		1.0	U	1.0	1.0
Tetrachloroethene		1.0	U	1.0	1.0
Tetrahydrofuran		14		2.1	2.1
Toluene		1.0	U	1.0	1.0
trans-1,2-Dichloroethene		1.0	U	1.0	1.0
trans-1,3-Dichloropropene		1.0	U	1.0	1.0

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(5-6)**

Lab Sample ID: 460-86148-7 Date Sampled: 11/12/2014 0940
Client Matrix: Solid % Moisture: 19.3 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93381.D
Dilution:	1.0			Initial Weight/Volume:	5.93 g
Analysis Date:	11/22/2014 1431			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1839				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.0	U	1.0	1.0
Trichloroethene		1.0	U	1.0	1.0
Trichlorofluoromethane		1.0	U	1.0	1.0
Vinyl chloride		1.0	U	1.0	1.0
Xylenes, Total		2.1	U	2.1	2.1
2-Butanone (MEK)		23		10	10
Chloroform		1.0	U	1.0	1.0
1,2-Dichloroethane		1.0	U	1.0	1.0
2-Hexanone		10	U	10	10
4-Methyl-2-pentanone (MIBK)		10	U	10	10
Acetone		92		10	10
Dichlorobromomethane		1.0	U	1.0	1.0
Chloromethane		1.0	U	1.0	1.0
cis-1,2-Dichloroethene		1.0	U	1.0	1.0
cis-1,3-Dichloropropene		1.0	U	1.0	1.0
Ethylbenzene		1.0	U	1.0	1.0
m-Xylene & p-Xylene		1.0	U	1.0	1.0
2-Chlorotoluene		1.0	U	1.0	1.0
4-Chlorotoluene		1.0	U	1.0	1.0
Ethylene Dibromide		1.0	U	1.0	1.0
Dibromomethane		1.0	U	1.0	1.0
Dichlorodifluoromethane		1.0	U	1.0	1.0
4-Isopropyltoluene		1.0	U	1.0	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	116		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	100		70 - 130
Dibromofluoromethane (Surr)	108		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(6.5-7.5)**

Lab Sample ID: 460-86148-8 Date Sampled: 11/12/2014 0945
Client Matrix: Solid % Moisture: 11.9 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-262952	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-262570	Lab File ID:	B76055.D
Dilution:	50			Initial Weight/Volume:	4.703 g
Analysis Date:	11/15/2014 1540			Final Weight/Volume:	10 mL
Prep Date:	11/13/2014 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		60	U	60	60
1,1,1-Trichloroethane		60	U	60	60
1,1,2,2-Tetrachloroethane		60	U	60	60
1,1,2-Trichloro-1,2,2-trifluoroethane		60	U	60	60
1,1,2-Trichloroethane		60	U	60	60
1,1-Dichloroethane		60	U	60	60
1,1-Dichloroethene		60	U	60	60
1,1-Dichloropropene		60	U	60	60
1,2,3-Trichlorobenzene		120	U	120	120
1,2,3-Trichloropropane		60	U	60	60
1,2,4-Trichlorobenzene		60	U *	60	60
1,2,4-Trimethylbenzene		730		60	60
1,2-Dibromo-3-Chloropropane		60	U *	60	60
1,2-Dichlorobenzene		60	U	60	60
1,2-Dichloropropane		60	U	60	60
1,3,5-Trimethylbenzene		79		60	60
1,3-Dichlorobenzene		60	U	60	60
1,3-Dichloropropane		60	U	60	60
1,4-Dichlorobenzene		60	U	60	60
2,2-Dichloropropane		60	U	60	60
Acrylonitrile		120	U	120	120
Benzene		60	U	60	60
Bromobenzene		60	U	60	60
Bromoform		60	U	60	60
Bromomethane		60	U	60	60
Carbon disulfide		60	U	60	60
Carbon tetrachloride		60	U	60	60
Chlorobenzene		60	U	60	60
Chlorodibromomethane		60	U	60	60
Chloroethane		60	U	60	60
Hexachlorobutadiene		60	U	60	60
Isopropylbenzene		60	U	60	60
Methyl tert-butyl ether		60	U	60	60
Methylene Chloride		60	U	60	60
Naphthalene		850		120	120
n-Butylbenzene		210		60	60
N-Propylbenzene		73		60	60
o-Xylene		60	U	60	60
sec-Butylbenzene		110		60	60
Styrene		60	U	60	60
tert-Butylbenzene		60	U	60	60
Tetrachloroethene		60	U	60	60
Tetrahydrofuran		60	U	60	60
Toluene		60	U	60	60
trans-1,2-Dichloroethene		60	U	60	60
trans-1,3-Dichloropropene		60	U	60	60

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(6.5-7.5)**

Lab Sample ID: 460-86148-8 Date Sampled: 11/12/2014 0945
Client Matrix: Solid % Moisture: 11.9 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-262952	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-262570	Lab File ID:	B76055.D
Dilution:	50			Initial Weight/Volume:	4.703 g
Analysis Date:	11/15/2014 1540			Final Weight/Volume:	10 mL
Prep Date:	11/13/2014 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		60	U	60	60
Trichloroethene		110		60	60
Trichlorofluoromethane		60	U	60	60
Vinyl chloride		60	U	60	60
Xylenes, Total		120	U	120	120
2-Butanone (MEK)		120	U	120	120
Chloroform		60	U	60	60
1,2-Dichloroethane		60	U	60	60
2-Hexanone		120	U	120	120
4-Methyl-2-pentanone (MIBK)		120	U	120	120
Acetone		300	U	300	300
Dichlorobromomethane		60	U	60	60
Chloromethane		60	U	60	60
cis-1,2-Dichloroethene		60	U	60	60
cis-1,3-Dichloropropene		60	U	60	60
Ethylbenzene		60	U	60	60
m-Xylene & p-Xylene		60	U	60	60
2-Chlorotoluene		60	U	60	60
4-Chlorotoluene		60	U	60	60
Ethylene Dibromide		60	U	60	60
Dibromomethane		60	U	60	60
Dichlorodifluoromethane		60	U	60	60
4-Isopropyltoluene		330		60	60

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 130
Toluene-d8 (Surr)	100		70 - 130
4-Bromofluorobenzene	101		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(6.5-7.5)**

Lab Sample ID: 460-86148-8 Date Sampled: 11/12/2014 0945
Client Matrix: Solid Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)-SPLP

Analysis Method:	8260	Analysis Batch:	460-264721	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P92830.D
Dilution:	1.0	Leach Batch:	460-263281	Initial Weight/Volume:	5 mL
Analysis Date:	11/23/2014 1938			Final Weight/Volume:	5 mL
Prep Date:	11/23/2014 1938				
Leach Date:	11/17/2014 1400				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acetone		0.0050	U	0.0050	0.0050
Acrylonitrile		0.0020	U	0.0020	0.0020
Benzene		0.0010	U	0.0010	0.0010
Bromobenzene		0.0010	U	0.0010	0.0010
n-Butylbenzene		0.0010	U	0.0010	0.0010
sec-Butylbenzene		0.0010	U	0.0010	0.0010
tert-Butylbenzene		0.0010	U	0.0010	0.0010
Dichlorobromomethane		0.0010	U	0.0010	0.0010
Bromoform		0.0010	U	0.0010	0.0010
Bromomethane		0.0010	U	0.0010	0.0010
2-Butanone (MEK)		0.0010	U	0.0010	0.0010
Chlorobenzene		0.0010	U	0.0010	0.0010
Carbon disulfide		0.0010	U	0.0010	0.0010
Carbon tetrachloride		0.0010	U	0.0010	0.0010
Chloroethane		0.0010	U	0.0010	0.0010
Chloroform		0.0010	U	0.0010	0.0010
Chloromethane		0.0010	U	0.0010	0.0010
Chlorodibromomethane		0.0010	U	0.0010	0.0010
1,2-Dibromo-3-Chloropropane		0.0010	U	0.0010	0.0010
1,2-Dichlorobenzene		0.0010	U	0.0010	0.0010
1,3-Dichlorobenzene		0.0010	U	0.0010	0.0010
1,4-Dichlorobenzene		0.0010	U	0.0010	0.0010
trans-1,4-Dichloro-2-butene		0.0010	U	0.0010	0.0010
1,1-Dichloroethane		0.0010	U	0.0010	0.0010
1,2-Dichloroethane		0.0010	U	0.0010	0.0010
1,1-Dichloroethene		0.0010	U	0.0010	0.0010
cis-1,2-Dichloroethene		0.0010	U	0.0010	0.0010
trans-1,2-Dichloroethene		0.0010	U	0.0010	0.0010
1,2-Dichloropropane		0.0010	U	0.0010	0.0010
1,3-Dichloropropane		0.0010	U	0.0010	0.0010
2,2-Dichloropropane		0.0010	U	0.0010	0.0010
1,1-Dichloropropene		0.0010	U	0.0010	0.0010
cis-1,3-Dichloropropene		0.0010	U	0.0010	0.0010
trans-1,3-Dichloropropene		0.0010	U	0.0010	0.0010
Ethylbenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U *	0.0010	0.0010
2-Hexanone		0.0020	U	0.0020	0.0020
Isopropylbenzene		0.0010	U	0.0010	0.0010
Methylene Chloride		0.012	B	0.0010	0.0010
4-Methyl-2-pentanone (MIBK)		0.0020	U	0.0020	0.0020
Methyl tert-butyl ether		0.0010	U	0.0010	0.0010
Naphthalene		0.014		0.0010	0.0010
N-Propylbenzene		0.0010	U	0.0010	0.0010
Styrene		0.0010	U	0.0010	0.0010
1,1,1,2-Tetrachloroethane		0.0010	U	0.0010	0.0010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(6.5-7.5)**

Lab Sample ID: 460-86148-8 Date Sampled: 11/12/2014 0945
Client Matrix: Solid Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)-SPLP

Analysis Method:	8260	Analysis Batch:	460-264721	Instrument ID:	CVOAMS13
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	P92830.D
Dilution:	1.0	Leach Batch:	460-263281	Initial Weight/Volume:	5 mL
Analysis Date:	11/23/2014 1938			Final Weight/Volume:	5 mL
Prep Date:	11/23/2014 1938				
Leach Date:	11/17/2014 1400				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
1,1,2,2-Tetrachloroethane		0.0010	U	0.0010	0.0010
Toluene		0.0010	U	0.0010	0.0010
Tetrachloroethene		0.0010	U	0.0010	0.0010
Tetrahydrofuran		0.0010	U	0.0010	0.0010
1,2,3-Trichlorobenzene		0.0010	U	0.0010	0.0010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
1,1,1-Trichloroethane		0.0010	U	0.0010	0.0010
1,1,2-Trichloroethane		0.0010	U	0.0010	0.0010
Trichloroethene		0.0010	U	0.0010	0.0010
Trichlorofluoromethane		0.0010	U	0.0010	0.0010
1,2,3-Trichloropropane		0.0010	U	0.0010	0.0010
1,1,2-Trichloro-1,2,2-trifluoroethane		0.0010	U	0.0010	0.0010
1,2,4-Trimethylbenzene		0.0056		0.0010	0.0010
1,3,5-Trimethylbenzene		0.0010	U	0.0010	0.0010
Vinyl chloride		0.0010	U	0.0010	0.0010
m-Xylene & p-Xylene		0.0020	U	0.0020	0.0020
o-Xylene		0.0010	U	0.0010	0.0010
Xylenes, Total		0.0030	U	0.0030	0.0030
2-Chlorotoluene		0.0010	U	0.0010	0.0010
4-Chlorotoluene		0.0010	U	0.0010	0.0010
Ethylene Dibromide		0.0010	U	0.0010	0.0010
Dibromomethane		0.0010	U	0.0010	0.0010
Dichlorodifluoromethane		0.0020	U	0.0020	0.0020
4-Isopropyltoluene		0.0019		0.0010	0.0010

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	78		70 - 130
Toluene-d8 (Surr)	77		70 - 130
4-Bromofluorobenzene	85		70 - 130
Dibromofluoromethane (Surr)	78		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(5-6)**

Lab Sample ID: 460-86148-9 Date Sampled: 11/12/2014 1050
Client Matrix: Solid % Moisture: 27.3 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93377.D
Dilution:	1.0			Initial Weight/Volume:	4.841 g
Analysis Date:	11/22/2014 1247			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1839				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.4	U	1.4	1.4
1,1,1-Trichloroethane		1.4	U	1.4	1.4
1,1,2,2-Tetrachloroethane		1.4	U	1.4	1.4
1,1,2-Trichloro-1,2,2-trifluoroethane		1.4	U	1.4	1.4
1,1,2-Trichloroethane		1.4	U	1.4	1.4
1,1-Dichloroethane		1.4	U	1.4	1.4
1,1-Dichloroethene		1.4	U	1.4	1.4
1,1-Dichloropropene		1.4	U	1.4	1.4
1,2,3-Trichlorobenzene		1.4	U	1.4	1.4
1,2,3-Trichloropropane		1.4	U	1.4	1.4
1,2,4-Trichlorobenzene		1.4	U	1.4	1.4
1,2,4-Trimethylbenzene		1.4	U	1.4	1.4
1,2-Dibromo-3-Chloropropane		1.4	U	1.4	1.4
1,2-Dichlorobenzene		1.4	U	1.4	1.4
1,2-Dichloropropane		1.4	U	1.4	1.4
1,3,5-Trimethylbenzene		1.4	U	1.4	1.4
1,3-Dichlorobenzene		1.4	U	1.4	1.4
1,3-Dichloropropane		1.4	U	1.4	1.4
1,4-Dichlorobenzene		1.4	U	1.4	1.4
2,2-Dichloropropane		1.4	U	1.4	1.4
Acrylonitrile		71	U	71	71
Benzene		1.4	U	1.4	1.4
Bromobenzene		1.4	U	1.4	1.4
Bromoform		1.4	U	1.4	1.4
Bromomethane		1.4	U	1.4	1.4
Carbon disulfide		1.4	U	1.4	1.4
Carbon tetrachloride		1.4	U	1.4	1.4
Chlorobenzene		1.4	U	1.4	1.4
Chlorodibromomethane		1.4	U	1.4	1.4
Chloroethane		1.4	U	1.4	1.4
Hexachlorobutadiene		1.4	U	1.4	1.4
Isopropylbenzene		1.4	U	1.4	1.4
Methyl tert-butyl ether		1.4	U	1.4	1.4
Methylene Chloride		4.2		1.4	1.4
Naphthalene		1.4	U	1.4	1.4
n-Butylbenzene		1.4	U	1.4	1.4
N-Propylbenzene		1.4	U	1.4	1.4
o-Xylene		1.4	U	1.4	1.4
sec-Butylbenzene		1.4	U	1.4	1.4
Styrene		1.4	U	1.4	1.4
tert-Butylbenzene		1.4	U	1.4	1.4
Tetrachloroethene		1.4	U	1.4	1.4
Tetrahydrofuran		2.8	U	2.8	2.8
Toluene		1.4	U	1.4	1.4
trans-1,2-Dichloroethene		1.9		1.4	1.4
trans-1,3-Dichloropropene		1.4	U	1.4	1.4

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(5-6)**

Lab Sample ID: 460-86148-9 Date Sampled: 11/12/2014 1050
Client Matrix: Solid % Moisture: 27.3 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93377.D
Dilution:	1.0			Initial Weight/Volume:	4.841 g
Analysis Date:	11/22/2014 1247			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1839				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.4	U	1.4	1.4
Trichloroethene		10		1.4	1.4
Trichlorofluoromethane		1.4	U	1.4	1.4
Vinyl chloride		2.6		1.4	1.4
Xylenes, Total		2.8	U	2.8	2.8
2-Butanone (MEK)		14	U	14	14
Chloroform		1.4	U	1.4	1.4
1,2-Dichloroethane		1.4	U	1.4	1.4
2-Hexanone		14	U	14	14
4-Methyl-2-pentanone (MIBK)		14	U	14	14
Acetone		80		14	14
Dichlorobromomethane		1.4	U	1.4	1.4
Chloromethane		1.4	U	1.4	1.4
cis-1,2-Dichloroethene		1.5		1.4	1.4
cis-1,3-Dichloropropene		1.4	U	1.4	1.4
Ethylbenzene		1.4	U	1.4	1.4
m-Xylene & p-Xylene		1.4	U	1.4	1.4
2-Chlorotoluene		1.4	U	1.4	1.4
4-Chlorotoluene		1.4	U	1.4	1.4
Ethylene Dibromide		1.4	U	1.4	1.4
Dibromomethane		1.4	U	1.4	1.4
Dichlorodifluoromethane		1.4	U	1.4	1.4
4-Isopropyltoluene		1.4	U	1.4	1.4

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	113		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	107		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(6-7)**

Lab Sample ID: 460-86148-10 Date Sampled: 11/12/2014 1055
Client Matrix: Solid % Moisture: 37.7 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-263020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-262570	Lab File ID:	B76065.D
Dilution:	50			Initial Weight/Volume:	2.781 g
Analysis Date:	11/16/2014 0840			Final Weight/Volume:	10 mL
Prep Date:	11/13/2014 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		140	U	140	140
1,1,1-Trichloroethane		140	U	140	140
1,1,2,2-Tetrachloroethane		140	U	140	140
1,1,2-Trichloro-1,2,2-trifluoroethane		140	U	140	140
1,1,2-Trichloroethane		140	U	140	140
1,1-Dichloroethane		140	U	140	140
1,1-Dichloroethene		140	U	140	140
1,1-Dichloropropene		140	U	140	140
1,2,3-Trichlorobenzene		290	U	290	290
1,2,3-Trichloropropane		140	U	140	140
1,2,4-Trichlorobenzene		140	U	140	140
1,2,4-Trimethylbenzene		3100		140	140
1,2-Dibromo-3-Chloropropane		140	U *	140	140
1,2-Dichlorobenzene		140	U	140	140
1,2-Dichloropropane		140	U	140	140
1,3,5-Trimethylbenzene		560		140	140
1,3-Dichlorobenzene		140	U	140	140
1,3-Dichloropropane		140	U	140	140
1,4-Dichlorobenzene		140	U	140	140
2,2-Dichloropropane		140	U	140	140
Acrylonitrile		290	U	290	290
Benzene		140	U	140	140
Bromobenzene		140	U	140	140
Bromoform		140	U	140	140
Bromomethane		140	U	140	140
Carbon disulfide		140	U	140	140
Carbon tetrachloride		140	U	140	140
Chlorobenzene		140	U	140	140
Chlorodibromomethane		140	U	140	140
Chloroethane		140	U	140	140
Hexachlorobutadiene		140	U	140	140
Isopropylbenzene		200		140	140
Methyl tert-butyl ether		140	U	140	140
Methylene Chloride		140	U	140	140
Naphthalene		290	U	290	290
n-Butylbenzene		300		140	140
N-Propylbenzene		800		140	140
o-Xylene		260		140	140
sec-Butylbenzene		180		140	140
Styrene		140	U	140	140
tert-Butylbenzene		140	U	140	140
Tetrachloroethene		140	U	140	140
Tetrahydrofuran		140	U	140	140
Toluene		140	U	140	140
trans-1,2-Dichloroethene		560		140	140
trans-1,3-Dichloropropene		140	U	140	140

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(6-7)**

Lab Sample ID: 460-86148-10 Date Sampled: 11/12/2014 1055
Client Matrix: Solid % Moisture: 37.7 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-263020	Instrument ID:	CVOAMS2
Prep Method:	5035	Prep Batch:	460-262570	Lab File ID:	B76065.D
Dilution:	50			Initial Weight/Volume:	2.781 g
Analysis Date:	11/16/2014 0840			Final Weight/Volume:	10 mL
Prep Date:	11/13/2014 1835				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		140	U	140	140
Trichloroethene		3600		140	140
Trichlorofluoromethane		140	U	140	140
Vinyl chloride		250		140	140
Xylenes, Total		1100		290	290
2-Butanone (MEK)		290	U	290	290
Chloroform		140	U	140	140
1,2-Dichloroethane		140	U	140	140
2-Hexanone		290	U	290	290
4-Methyl-2-pentanone (MIBK)		290	U	290	290
Acetone		720	U	720	720
Dichlorobromomethane		140	U	140	140
Chloromethane		140	U	140	140
cis-1,2-Dichloroethene		2800		140	140
cis-1,3-Dichloropropene		140	U	140	140
Ethylbenzene		290		140	140
m-Xylene & p-Xylene		810		140	140
2-Chlorotoluene		140	U	140	140
4-Chlorotoluene		140	U	140	140
Ethylene Dibromide		140	U	140	140
Dibromomethane		140	U	140	140
Dichlorodifluoromethane		140	U	140	140
4-Isopropyltoluene		160		140	140

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93		70 - 130
Toluene-d8 (Surr)	96		70 - 130
4-Bromofluorobenzene	96		70 - 130
Dibromofluoromethane (Surr)	93		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(1-2)**

Lab Sample ID: 460-86148-11 Date Sampled: 11/12/2014 1205
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93378.D
Dilution:	1.0			Initial Weight/Volume:	5.342 g
Analysis Date:	11/22/2014 1313			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1840				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		1.0	U	1.0	1.0
1,1,1-Trichloroethane		1.0	U	1.0	1.0
1,1,2,2-Tetrachloroethane		1.0	U	1.0	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane		1.0	U	1.0	1.0
1,1,2-Trichloroethane		1.0	U	1.0	1.0
1,1-Dichloroethane		1.0	U	1.0	1.0
1,1-Dichloroethene		1.0	U	1.0	1.0
1,1-Dichloropropene		1.0	U	1.0	1.0
1,2,3-Trichlorobenzene		1.0	U	1.0	1.0
1,2,3-Trichloropropane		1.0	U	1.0	1.0
1,2,4-Trichlorobenzene		1.0	U	1.0	1.0
1,2,4-Trimethylbenzene		1.0	U	1.0	1.0
1,2-Dibromo-3-Chloropropane		1.0	U	1.0	1.0
1,2-Dichlorobenzene		1.0	U	1.0	1.0
1,2-Dichloropropane		1.0	U	1.0	1.0
1,3,5-Trimethylbenzene		1.0	U	1.0	1.0
1,3-Dichlorobenzene		1.0	U	1.0	1.0
1,3-Dichloropropane		1.0	U	1.0	1.0
1,4-Dichlorobenzene		1.0	U	1.0	1.0
2,2-Dichloropropane		1.0	U	1.0	1.0
Acrylonitrile		52	U	52	52
Benzene		1.0	U	1.0	1.0
Bromobenzene		1.0	U	1.0	1.0
Bromoform		1.0	U	1.0	1.0
Bromomethane		1.0	U	1.0	1.0
Carbon disulfide		1.0	U	1.0	1.0
Carbon tetrachloride		1.0	U	1.0	1.0
Chlorobenzene		1.0	U	1.0	1.0
Chlorodibromomethane		1.0	U	1.0	1.0
Chloroethane		1.0	U	1.0	1.0
Hexachlorobutadiene		1.0	U	1.0	1.0
Isopropylbenzene		1.0	U	1.0	1.0
Methyl tert-butyl ether		1.0	U	1.0	1.0
Methylene Chloride		6.4		1.0	1.0
Naphthalene		1.0	U	1.0	1.0
n-Butylbenzene		1.0	U	1.0	1.0
N-Propylbenzene		1.0	U	1.0	1.0
o-Xylene		1.0	U	1.0	1.0
sec-Butylbenzene		1.0	U	1.0	1.0
Styrene		1.0	U	1.0	1.0
tert-Butylbenzene		1.0	U	1.0	1.0
Tetrachloroethene		1.0	U	1.0	1.0
Tetrahydrofuran		14		2.1	2.1
Toluene		1.0	U	1.0	1.0
trans-1,2-Dichloroethene		1.0	U	1.0	1.0
trans-1,3-Dichloropropene		1.0	U	1.0	1.0

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(1-2)**

Lab Sample ID: 460-86148-11 Date Sampled: 11/12/2014 1205
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93378.D
Dilution:	1.0			Initial Weight/Volume:	5.342 g
Analysis Date:	11/22/2014 1313			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1840				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		1.0	U	1.0	1.0
Trichloroethene		1.0	U	1.0	1.0
Trichlorofluoromethane		1.0	U	1.0	1.0
Vinyl chloride		1.0	U	1.0	1.0
Xylenes, Total		2.1	U	2.1	2.1
2-Butanone (MEK)		10	U	10	10
Chloroform		1.0	U	1.0	1.0
1,2-Dichloroethane		1.0	U	1.0	1.0
2-Hexanone		10	U	10	10
4-Methyl-2-pentanone (MIBK)		10	U	10	10
Acetone		26		10	10
Dichlorobromomethane		1.0	U	1.0	1.0
Chloromethane		1.0	U	1.0	1.0
cis-1,2-Dichloroethene		1.0	U	1.0	1.0
cis-1,3-Dichloropropene		1.0	U	1.0	1.0
Ethylbenzene		1.0	U	1.0	1.0
m-Xylene & p-Xylene		1.0	U	1.0	1.0
2-Chlorotoluene		1.0	U	1.0	1.0
4-Chlorotoluene		1.0	U	1.0	1.0
Ethylene Dibromide		1.0	U	1.0	1.0
Dibromomethane		1.0	U	1.0	1.0
Dichlorodifluoromethane		1.0	U	1.0	1.0
4-Isopropyltoluene		1.0	U	1.0	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122		70 - 130
Toluene-d8 (Surr)	101		70 - 130
4-Bromofluorobenzene	107		70 - 130
Dibromofluoromethane (Surr)	116		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(4-5)**

Lab Sample ID: 460-86148-12 Date Sampled: 11/12/2014 1210
Client Matrix: Solid % Moisture: 14.0 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93379.D
Dilution:	1.0			Initial Weight/Volume:	6.652 g
Analysis Date:	11/22/2014 1339			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1840				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		0.87	U	0.87	0.87
1,1,1-Trichloroethane		0.87	U	0.87	0.87
1,1,2,2-Tetrachloroethane		0.87	U	0.87	0.87
1,1,2-Trichloro-1,2,2-trifluoroethane		0.87	U	0.87	0.87
1,1,2-Trichloroethane		0.87	U	0.87	0.87
1,1-Dichloroethane		0.87	U	0.87	0.87
1,1-Dichloroethene		0.87	U	0.87	0.87
1,1-Dichloropropene		0.87	U	0.87	0.87
1,2,3-Trichlorobenzene		0.87	U	0.87	0.87
1,2,3-Trichloropropane		0.87	U	0.87	0.87
1,2,4-Trichlorobenzene		0.87	U	0.87	0.87
1,2,4-Trimethylbenzene		0.87	U	0.87	0.87
1,2-Dibromo-3-Chloropropane		0.87	U	0.87	0.87
1,2-Dichlorobenzene		0.87	U	0.87	0.87
1,2-Dichloropropane		0.87	U	0.87	0.87
1,3,5-Trimethylbenzene		0.87	U	0.87	0.87
1,3-Dichlorobenzene		0.87	U	0.87	0.87
1,3-Dichloropropane		0.87	U	0.87	0.87
1,4-Dichlorobenzene		0.87	U	0.87	0.87
2,2-Dichloropropane		0.87	U	0.87	0.87
Acrylonitrile		44	U	44	44
Benzene		0.87	U	0.87	0.87
Bromobenzene		0.87	U	0.87	0.87
Bromoform		0.87	U	0.87	0.87
Bromomethane		0.87	U	0.87	0.87
Carbon disulfide		0.87	U	0.87	0.87
Carbon tetrachloride		0.87	U	0.87	0.87
Chlorobenzene		0.87	U	0.87	0.87
Chlorodibromomethane		0.87	U	0.87	0.87
Chloroethane		0.87	U	0.87	0.87
Hexachlorobutadiene		0.87	U	0.87	0.87
Isopropylbenzene		0.87	U	0.87	0.87
Methyl tert-butyl ether		0.87	U	0.87	0.87
Methylene Chloride		3.5		0.87	0.87
Naphthalene		0.87	U	0.87	0.87
n-Butylbenzene		0.87	U	0.87	0.87
N-Propylbenzene		0.87	U	0.87	0.87
o-Xylene		0.87	U	0.87	0.87
sec-Butylbenzene		0.87	U	0.87	0.87
Styrene		0.87	U	0.87	0.87
tert-Butylbenzene		0.87	U	0.87	0.87
Tetrachloroethene		0.87	U	0.87	0.87
Tetrahydrofuran		11		1.7	1.7
Toluene		0.87	U	0.87	0.87
trans-1,2-Dichloroethene		0.87	U	0.87	0.87
trans-1,3-Dichloropropene		0.87	U	0.87	0.87

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(4-5)**

Lab Sample ID: 460-86148-12 Date Sampled: 11/12/2014 1210
Client Matrix: Solid % Moisture: 14.0 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93379.D
Dilution:	1.0			Initial Weight/Volume:	6.652 g
Analysis Date:	11/22/2014 1339			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1840				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		0.87	U	0.87	0.87
Trichloroethene		0.87	U	0.87	0.87
Trichlorofluoromethane		0.87	U	0.87	0.87
Vinyl chloride		0.87	U	0.87	0.87
Xylenes, Total		1.7	U	1.7	1.7
2-Butanone (MEK)		8.7	U	8.7	8.7
Chloroform		0.87	U	0.87	0.87
1,2-Dichloroethane		0.87	U	0.87	0.87
2-Hexanone		8.7	U	8.7	8.7
4-Methyl-2-pentanone (MIBK)		8.7	U	8.7	8.7
Acetone		16		8.7	8.7
Dichlorobromomethane		0.87	U	0.87	0.87
Chloromethane		0.87	U	0.87	0.87
cis-1,2-Dichloroethene		0.87	U	0.87	0.87
cis-1,3-Dichloropropene		0.87	U	0.87	0.87
Ethylbenzene		0.87	U	0.87	0.87
m-Xylene & p-Xylene		0.87	U	0.87	0.87
2-Chlorotoluene		0.87	U	0.87	0.87
4-Chlorotoluene		0.87	U	0.87	0.87
Ethylene Dibromide		0.87	U	0.87	0.87
Dibromomethane		0.87	U	0.87	0.87
Dichlorodifluoromethane		0.87	U	0.87	0.87
4-Isopropyltoluene		0.87	U	0.87	0.87

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	121		70 - 130
Toluene-d8 (Surr)	99		70 - 130
4-Bromofluorobenzene	99		70 - 130
Dibromofluoromethane (Surr)	110		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(6-7)**

Lab Sample ID: 460-86148-13 Date Sampled: 11/12/2014 1220
Client Matrix: Solid % Moisture: 10.5 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93380.D
Dilution:	1.0			Initial Weight/Volume:	5.936 g
Analysis Date:	11/22/2014 1405			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1840				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
1,1,1,2-Tetrachloroethane		0.94	U	0.94	0.94
1,1,1-Trichloroethane		0.94	U	0.94	0.94
1,1,2,2-Tetrachloroethane		0.94	U	0.94	0.94
1,1,2-Trichloro-1,2,2-trifluoroethane		0.94	U	0.94	0.94
1,1,2-Trichloroethane		0.94	U	0.94	0.94
1,1-Dichloroethane		0.94	U	0.94	0.94
1,1-Dichloroethene		0.94	U	0.94	0.94
1,1-Dichloropropene		0.94	U	0.94	0.94
1,2,3-Trichlorobenzene		0.94	U	0.94	0.94
1,2,3-Trichloropropane		0.94	U	0.94	0.94
1,2,4-Trichlorobenzene		0.94	U	0.94	0.94
1,2,4-Trimethylbenzene		0.94	U	0.94	0.94
1,2-Dibromo-3-Chloropropane		0.94	U	0.94	0.94
1,2-Dichlorobenzene		0.94	U	0.94	0.94
1,2-Dichloropropane		0.94	U	0.94	0.94
1,3,5-Trimethylbenzene		0.94	U	0.94	0.94
1,3-Dichlorobenzene		0.94	U	0.94	0.94
1,3-Dichloropropane		0.94	U	0.94	0.94
1,4-Dichlorobenzene		0.94	U	0.94	0.94
2,2-Dichloropropane		0.94	U	0.94	0.94
Acrylonitrile		47	U	47	47
Benzene		0.94	U	0.94	0.94
Bromobenzene		0.94	U	0.94	0.94
Bromoform		0.94	U	0.94	0.94
Bromomethane		0.94	U	0.94	0.94
Carbon disulfide		1.1		0.94	0.94
Carbon tetrachloride		0.94	U	0.94	0.94
Chlorobenzene		0.94	U	0.94	0.94
Chlorodibromomethane		0.94	U	0.94	0.94
Chloroethane		0.94	U	0.94	0.94
Hexachlorobutadiene		0.94	U	0.94	0.94
Isopropylbenzene		0.94	U	0.94	0.94
Methyl tert-butyl ether		0.94	U	0.94	0.94
Methylene Chloride		4.0		0.94	0.94
Naphthalene		0.94	U	0.94	0.94
n-Butylbenzene		0.94	U	0.94	0.94
N-Propylbenzene		0.94	U	0.94	0.94
o-Xylene		0.94	U	0.94	0.94
sec-Butylbenzene		0.94	U	0.94	0.94
Styrene		0.94	U	0.94	0.94
tert-Butylbenzene		0.94	U	0.94	0.94
Tetrachloroethene		0.94	U	0.94	0.94
Tetrahydrofuran		14		1.9	1.9
Toluene		0.94	U	0.94	0.94
trans-1,2-Dichloroethene		0.94	U	0.94	0.94
trans-1,3-Dichloropropene		0.94	U	0.94	0.94

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(6-7)**

Lab Sample ID: 460-86148-13 Date Sampled: 11/12/2014 1220
Client Matrix: Solid % Moisture: 10.5 Date Received: 11/13/2014 0930

8260 Volatile Organic Compounds (GC/MS)

Analysis Method:	8260	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Prep Method:	5035	Prep Batch:	460-262571	Lab File ID:	O93380.D
Dilution:	1.0			Initial Weight/Volume:	5.936 g
Analysis Date:	11/22/2014 1405			Final Weight/Volume:	5 mL
Prep Date:	11/13/2014 1840				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
trans-1,4-Dichloro-2-butene		0.94	U	0.94	0.94
Trichloroethene		0.94	U	0.94	0.94
Trichlorofluoromethane		0.94	U	0.94	0.94
Vinyl chloride		0.94	U	0.94	0.94
Xylenes, Total		1.9	U	1.9	1.9
2-Butanone (MEK)		9.4	U	9.4	9.4
Chloroform		0.94	U	0.94	0.94
1,2-Dichloroethane		0.94	U	0.94	0.94
2-Hexanone		9.4	U	9.4	9.4
4-Methyl-2-pentanone (MIBK)		9.4	U	9.4	9.4
Acetone		9.4	U	9.4	9.4
Dichlorobromomethane		0.94	U	0.94	0.94
Chloromethane		0.94	U	0.94	0.94
cis-1,2-Dichloroethene		0.94	U	0.94	0.94
cis-1,3-Dichloropropene		0.94	U	0.94	0.94
Ethylbenzene		0.94	U	0.94	0.94
m-Xylene & p-Xylene		0.94	U	0.94	0.94
2-Chlorotoluene		0.94	U	0.94	0.94
4-Chlorotoluene		0.94	U	0.94	0.94
Ethylene Dibromide		0.94	U	0.94	0.94
Dibromomethane		0.94	U	0.94	0.94
Dichlorodifluoromethane		0.94	U	0.94	0.94
4-Isopropyltoluene		0.94	U	0.94	0.94

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	128		70 - 130
Toluene-d8 (Surr)	106		70 - 130
4-Bromofluorobenzene	106		70 - 130
Dibromofluoromethane (Surr)	121		70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-85(1-2)**

Lab Sample ID: 460-86148-2 Date Sampled: 11/12/2014 1130
Client Matrix: Solid % Moisture: 14.3 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-265064	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7330.D
Dilution:	2.0			Initial Weight/Volume:	15.0227 g
Analysis Date:	11/25/2014 1301			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		2200		77	77
Anthracene		770	U	770	770
Benzo[a]pyrene		2600		77	77
Chrysene		2800		770	770
Naphthalene		770	U	770	770
Phenanthrene		3300		770	770
Pyrene		3400		770	770
Acenaphthylene		770	U	770	770
Acenaphthene		770	U	770	770
Fluorene		770	U	770	770
Fluoranthene		4800		770	770
Benzo[b]fluoranthene		2600		77	77
Benzo[k]fluoranthene		840		77	77
Benzo[g,h,i]perylene		2400		770	770
Indeno[1,2,3-cd]pyrene		2600		77	77
Dibenz(a,h)anthracene		670		77	77
2-Methylnaphthalene		770	U	770	770
Aniline		770	U	770	770
Bis(2-chloroethyl)ether		77	U	77	77
Bis(2-ethylhexyl) phthalate		770	U	770	770
4-Bromophenyl phenyl ether		770	U	770	770
Butyl benzyl phthalate		770	U	770	770
Carbazole		770	U	770	770
4-Chloroaniline		770	U	770	770
2-Chloronaphthalene		770	U	770	770
2-Chlorophenol		770	U	770	770
4-Chlorophenyl phenyl ether		770	U	770	770
Dibenzofuran		770	U	770	770
3,3'-Dichlorobenzidine		310	U	310	310
2,4-Dichlorophenol		310	U	310	310
Diethyl phthalate		770	U	770	770
2,4-Dimethylphenol		770	U	770	770
Dimethyl phthalate		770	U	770	770
Di-n-butyl phthalate		770	U	770	770
2,4-Dinitrophenol		620	U	620	620
2,4-Dinitrotoluene		160	U	160	160
2,6-Dinitrotoluene		160	U	160	160
Di-n-octyl phthalate		770	U	770	770
Hexachlorobenzene		77	U	77	77
Hexachlorobutadiene		160	U	160	160
Hexachlorocyclopentadiene		770	U	770	770
Hexachloroethane		77	U	77	77
Isophorone		310	U	310	310
2-Methylphenol		770	U	770	770
4-Methylphenol		770	U	770	770
2-Nitroaniline		770	U	770	770

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-85(1-2)**

Lab Sample ID: 460-86148-2 Date Sampled: 11/12/2014 1130
Client Matrix: Solid % Moisture: 14.3 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-265064	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7330.D
Dilution:	2.0			Initial Weight/Volume:	15.0227 g
Analysis Date:	11/25/2014 1301			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		770	U	770	770
4-Nitroaniline		770	U	770	770
Nitrobenzene		77	U	77	77
2-Nitrophenol		770	U	770	770
N-Nitrosodiphenylamine		770	U	770	770
N-Nitrosodi-n-propylamine		77	U	77	77
Pentachlorophenol		620	U	620	620
Phenol		770	U	770	770
Pyridine		770	U	770	770
1,2,4,5-Tetrachlorobenzene		770	U	770	770
1,2,4-Trichlorobenzene		77	U	77	77
2,4,5-Trichlorophenol		770	U	770	770
2,4,6-Trichlorophenol		310	U	310	310
2,2'-oxybis[1-chloropropane]		770	U	770	770
4,6-Dinitro-2-methylphenol		620	U	620	620
4-Chloro-3-methylphenol		770	U	770	770
4-Nitrophenol		1600	U	1600	1600
Bis(2-chloroethoxy)methane		770	U	770	770

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	49		30 - 130
Phenol-d5 (Surr)	41		30 - 130
Terphenyl-d14 (Surr)	43		30 - 130
2,4,6-Tribromophenol (Surr)	38		30 - 130
2-Fluorophenol (Surr)	42		30 - 130
2-Fluorobiphenyl	53		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-85(1-2)**

Lab Sample ID: 460-86148-2 Date Sampled: 11/12/2014 1130
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87304.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 0011			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-85(1-2)**

Lab Sample ID: 460-86148-2 Date Sampled: 11/12/2014 1130
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87304.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 0011			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	62		30 - 130
Phenol-d5 (Surr)	21		15 - 110
Terphenyl-d14 (Surr)	57		30 - 130
2,4,6-Tribromophenol (Surr)	50		15 - 110
2-Fluorophenol (Surr)	32		15 - 110
2-Fluorobiphenyl	54		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(4-5)**

Lab Sample ID: 460-86148-3 Date Sampled: 11/12/2014 0915
Client Matrix: Solid % Moisture: 13.6 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7265.D
Dilution:	1.0			Initial Weight/Volume:	15.0392 g
Analysis Date:	11/23/2014 2301			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		38	U	38	38
Anthracene		380	U	380	380
Benzo[a]pyrene		38	U	38	38
Chrysene		380	U	380	380
Naphthalene		380	U	380	380
Phenanthrene		380	U	380	380
Pyrene		380	U	380	380
Acenaphthylene		380	U	380	380
Acenaphthene		380	U	380	380
Fluorene		380	U	380	380
Fluoranthene		380	U	380	380
Benzo[b]fluoranthene		38	U	38	38
Benzo[k]fluoranthene		38	U	38	38
Benzo[g,h,i]perylene		380	U	380	380
Indeno[1,2,3-cd]pyrene		38	U	38	38
Dibenz(a,h)anthracene		38	U	38	38
2-Methylnaphthalene		380	U	380	380
Aniline		380	U	380	380
Bis(2-chloroethyl)ether		38	U	38	38
Bis(2-ethylhexyl) phthalate		380	U	380	380
4-Bromophenyl phenyl ether		380	U	380	380
Butyl benzyl phthalate		380	U	380	380
Carbazole		380	U	380	380
4-Chloroaniline		380	U	380	380
2-Chloronaphthalene		380	U	380	380
2-Chlorophenol		380	U	380	380
4-Chlorophenyl phenyl ether		380	U	380	380
Dibenzofuran		380	U	380	380
3,3'-Dichlorobenzidine		150	U	150	150
2,4-Dichlorophenol		150	U	150	150
Diethyl phthalate		380	U	380	380
2,4-Dimethylphenol		380	U	380	380
Dimethyl phthalate		380	U	380	380
Di-n-butyl phthalate		380	U	380	380
2,4-Dinitrophenol		310	U	310	310
2,4-Dinitrotoluene		77	U	77	77
2,6-Dinitrotoluene		77	U	77	77
Di-n-octyl phthalate		380	U	380	380
Hexachlorobenzene		38	U	38	38
Hexachlorobutadiene		77	U	77	77
Hexachlorocyclopentadiene		380	U	380	380
Hexachloroethane		38	U	38	38
Isophorone		150	U	150	150
2-Methylphenol		380	U	380	380
4-Methylphenol		380	U	380	380
2-Nitroaniline		380	U	380	380

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(4-5)**

Lab Sample ID: 460-86148-3 Date Sampled: 11/12/2014 0915
Client Matrix: Solid % Moisture: 13.6 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7265.D
Dilution:	1.0			Initial Weight/Volume:	15.0392 g
Analysis Date:	11/23/2014 2301			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		380	U	380	380
4-Nitroaniline		380	U	380	380
Nitrobenzene		38	U	38	38
2-Nitrophenol		380	U	380	380
N-Nitrosodiphenylamine		380	U	380	380
N-Nitrosodi-n-propylamine		38	U	38	38
Pentachlorophenol		310	U	310	310
Phenol		380	U	380	380
Pyridine		380	U	380	380
1,2,4,5-Tetrachlorobenzene		380	U	380	380
1,2,4-Trichlorobenzene		38	U	38	38
2,4,5-Trichlorophenol		380	U	380	380
2,4,6-Trichlorophenol		150	U	150	150
2,2'-oxybis[1-chloropropane]		380	U	380	380
4,6-Dinitro-2-methylphenol		310	U	310	310
4-Chloro-3-methylphenol		380	U	380	380
4-Nitrophenol		770	U	770	770
Bis(2-chloroethoxy)methane		380	U	380	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	56		30 - 130
Phenol-d5 (Surr)	54		30 - 130
Terphenyl-d14 (Surr)	70		30 - 130
2,4,6-Tribromophenol (Surr)	50		30 - 130
2-Fluorophenol (Surr)	53		30 - 130
2-Fluorobiphenyl	54		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(4-5)**

Lab Sample ID: 460-86148-3 Date Sampled: 11/12/2014 0915
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87305.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 0031			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(4-5)**

Lab Sample ID: 460-86148-3 Date Sampled: 11/12/2014 0915
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87305.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 0031			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	69		30 - 130
Phenol-d5 (Surr)	21		15 - 110
Terphenyl-d14 (Surr)	65		30 - 130
2,4,6-Tribromophenol (Surr)	58		15 - 110
2-Fluorophenol (Surr)	31		15 - 110
2-Fluorobiphenyl	56		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(6-7)**

Lab Sample ID: 460-86148-4 Date Sampled: 11/12/2014 0920
Client Matrix: Solid % Moisture: 12.2 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7266.D
Dilution:	1.0			Initial Weight/Volume:	15.0313 g
Analysis Date:	11/23/2014 2324			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		400		38	38
Anthracene		380	U	380	380
Benzo[a]pyrene		370		38	38
Chrysene		410		380	380
Naphthalene		380	U	380	380
Phenanthrene		460		380	380
Pyrene		710		380	380
Acenaphthylene		380	U	380	380
Acenaphthene		380	U	380	380
Fluorene		380	U	380	380
Fluoranthene		760		380	380
Benzo[b]fluoranthene		530		38	38
Benzo[k]fluoranthene		160		38	38
Benzo[g,h,i]perylene		380	U	380	380
Indeno[1,2,3-cd]pyrene		330		38	38
Dibenz(a,h)anthracene		81		38	38
2-Methylnaphthalene		380	U	380	380
Aniline		380	U	380	380
Bis(2-chloroethyl)ether		38	U	38	38
Bis(2-ethylhexyl) phthalate		380	U	380	380
4-Bromophenyl phenyl ether		380	U	380	380
Butyl benzyl phthalate		380	U	380	380
Carbazole		380	U	380	380
4-Chloroaniline		380	U	380	380
2-Chloronaphthalene		380	U	380	380
2-Chlorophenol		380	U	380	380
4-Chlorophenyl phenyl ether		380	U	380	380
Dibenzofuran		380	U	380	380
3,3'-Dichlorobenzidine		150	U	150	150
2,4-Dichlorophenol		150	U	150	150
Diethyl phthalate		380	U	380	380
2,4-Dimethylphenol		380	U	380	380
Dimethyl phthalate		380	U	380	380
Di-n-butyl phthalate		380	U	380	380
2,4-Dinitrophenol		300	U	300	300
2,4-Dinitrotoluene		76	U	76	76
2,6-Dinitrotoluene		76	U	76	76
Di-n-octyl phthalate		380	U	380	380
Hexachlorobenzene		38	U	38	38
Hexachlorobutadiene		76	U	76	76
Hexachlorocyclopentadiene		380	U	380	380
Hexachloroethane		38	U	38	38
Isophorone		150	U	150	150
2-Methylphenol		380	U	380	380
4-Methylphenol		380	U	380	380
2-Nitroaniline		380	U	380	380

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(6-7)**

Lab Sample ID: 460-86148-4 Date Sampled: 11/12/2014 0920
Client Matrix: Solid % Moisture: 12.2 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7266.D
Dilution:	1.0			Initial Weight/Volume:	15.0313 g
Analysis Date:	11/23/2014 2324			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		380	U	380	380
4-Nitroaniline		380	U	380	380
Nitrobenzene		38	U	38	38
2-Nitrophenol		380	U	380	380
N-Nitrosodiphenylamine		380	U	380	380
N-Nitrosodi-n-propylamine		38	U	38	38
Pentachlorophenol		300	U	300	300
Phenol		380	U	380	380
Pyridine		380	U	380	380
1,2,4,5-Tetrachlorobenzene		380	U	380	380
1,2,4-Trichlorobenzene		38	U	38	38
2,4,5-Trichlorophenol		380	U	380	380
2,4,6-Trichlorophenol		150	U	150	150
2,2'-oxybis[1-chloropropane]		380	U	380	380
4,6-Dinitro-2-methylphenol		300	U	300	300
4-Chloro-3-methylphenol		380	U	380	380
4-Nitrophenol		760	U	760	760
Bis(2-chloroethoxy)methane		380	U	380	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	53		30 - 130
Phenol-d5 (Surr)	49		30 - 130
Terphenyl-d14 (Surr)	67		30 - 130
2,4,6-Tribromophenol (Surr)	46		30 - 130
2-Fluorophenol (Surr)	48		30 - 130
2-Fluorobiphenyl	54		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(6-7)**

Lab Sample ID: 460-86148-4 Date Sampled: 11/12/2014 0920
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87306.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 0052			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(6-7)**

Lab Sample ID: 460-86148-4 Date Sampled: 11/12/2014 0920
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87306.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 0052			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	67		30 - 130
Phenol-d5 (Surr)	22		15 - 110
Terphenyl-d14 (Surr)	64		30 - 130
2,4,6-Tribromophenol (Surr)	55		15 - 110
2-Fluorophenol (Surr)	36		15 - 110
2-Fluorobiphenyl	60		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(2-3)**

Lab Sample ID: 460-86148-5 Date Sampled: 11/12/2014 1005
Client Matrix: Solid % Moisture: 24.6 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7267.D
Dilution:	1.0			Initial Weight/Volume:	15.0284 g
Analysis Date:	11/23/2014 2347			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		44	U	44	44
Anthracene		440	U	440	440
Benzo[a]pyrene		44	U	44	44
Chrysene		440	U	440	440
Naphthalene		440	U	440	440
Phenanthrene		440	U	440	440
Pyrene		440	U	440	440
Acenaphthylene		440	U	440	440
Acenaphthene		440	U	440	440
Fluorene		440	U	440	440
Fluoranthene		440	U	440	440
Benzo[b]fluoranthene		44	U	44	44
Benzo[k]fluoranthene		44	U	44	44
Benzo[g,h,i]perylene		440	U	440	440
Indeno[1,2,3-cd]pyrene		44	U	44	44
Dibenz(a,h)anthracene		44	U	44	44
2-Methylnaphthalene		440	U	440	440
Aniline		440	U	440	440
Bis(2-chloroethyl)ether		44	U	44	44
Bis(2-ethylhexyl) phthalate		440	U	440	440
4-Bromophenyl phenyl ether		440	U	440	440
Butyl benzyl phthalate		440	U	440	440
Carbazole		440	U	440	440
4-Chloroaniline		440	U	440	440
2-Chloronaphthalene		440	U	440	440
2-Chlorophenol		440	U	440	440
4-Chlorophenyl phenyl ether		440	U	440	440
Dibenzofuran		440	U	440	440
3,3'-Dichlorobenzidine		180	U	180	180
2,4-Dichlorophenol		180	U	180	180
Diethyl phthalate		440	U	440	440
2,4-Dimethylphenol		440	U	440	440
Dimethyl phthalate		440	U	440	440
Di-n-butyl phthalate		440	U	440	440
2,4-Dinitrophenol		350	U	350	350
2,4-Dinitrotoluene		89	U	89	89
2,6-Dinitrotoluene		89	U	89	89
Di-n-octyl phthalate		440	U	440	440
Hexachlorobenzene		44	U	44	44
Hexachlorobutadiene		89	U	89	89
Hexachlorocyclopentadiene		440	U	440	440
Hexachloroethane		44	U	44	44
Isophorone		180	U	180	180
2-Methylphenol		440	U	440	440
4-Methylphenol		440	U	440	440
2-Nitroaniline		440	U	440	440

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(2-3)**

Lab Sample ID: 460-86148-5 Date Sampled: 11/12/2014 1005
Client Matrix: Solid % Moisture: 24.6 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7267.D
Dilution:	1.0			Initial Weight/Volume:	15.0284 g
Analysis Date:	11/23/2014 2347			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		440	U	440	440
4-Nitroaniline		440	U	440	440
Nitrobenzene		44	U	44	44
2-Nitrophenol		440	U	440	440
N-Nitrosodiphenylamine		440	U	440	440
N-Nitrosodi-n-propylamine		44	U	44	44
Pentachlorophenol		350	U	350	350
Phenol		440	U	440	440
Pyridine		440	U	440	440
1,2,4,5-Tetrachlorobenzene		440	U	440	440
1,2,4-Trichlorobenzene		44	U	44	44
2,4,5-Trichlorophenol		440	U	440	440
2,4,6-Trichlorophenol		180	U	180	180
2,2'-oxybis[1-chloropropane]		440	U	440	440
4,6-Dinitro-2-methylphenol		350	U	350	350
4-Chloro-3-methylphenol		440	U	440	440
4-Nitrophenol		890	U	890	890
Bis(2-chloroethoxy)methane		440	U	440	440

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	58		30 - 130
Phenol-d5 (Surr)	56		30 - 130
Terphenyl-d14 (Surr)	74		30 - 130
2,4,6-Tribromophenol (Surr)	50		30 - 130
2-Fluorophenol (Surr)	55		30 - 130
2-Fluorobiphenyl	58		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(2-3)**

Lab Sample ID: 460-86148-5 Date Sampled: 11/12/2014 1005
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87307.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 0113			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(2-3)**

Lab Sample ID: 460-86148-5 Date Sampled: 11/12/2014 1005
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87307.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 0113			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	104		30 - 130
Phenol-d5 (Surr)	45		15 - 110
Terphenyl-d14 (Surr)	121		30 - 130
2,4,6-Tribromophenol (Surr)	96		15 - 110
2-Fluorophenol (Surr)	66		15 - 110
2-Fluorobiphenyl	103		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(5-6)**

Lab Sample ID: 460-86148-6 Date Sampled: 11/12/2014 1010
Client Matrix: Solid % Moisture: 19.8 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7268.D
Dilution:	1.0			Initial Weight/Volume:	15.0499 g
Analysis Date:	11/24/2014 0010			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		41	U	41	41
Anthracene		410	U	410	410
Benzo[a]pyrene		41	U	41	41
Chrysene		410	U	410	410
Naphthalene		410	U	410	410
Phenanthrene		410	U	410	410
Pyrene		410	U	410	410
Acenaphthylene		410	U	410	410
Acenaphthene		410	U	410	410
Fluorene		410	U	410	410
Fluoranthene		410	U	410	410
Benzo[b]fluoranthene		41	U	41	41
Benzo[k]fluoranthene		41	U	41	41
Benzo[g,h,i]perylene		410	U	410	410
Indeno[1,2,3-cd]pyrene		41	U	41	41
Dibenz(a,h)anthracene		41	U	41	41
2-Methylnaphthalene		410	U	410	410
Aniline		410	U	410	410
Bis(2-chloroethyl)ether		41	U	41	41
Bis(2-ethylhexyl) phthalate		410	U	410	410
4-Bromophenyl phenyl ether		410	U	410	410
Butyl benzyl phthalate		410	U	410	410
Carbazole		410	U	410	410
4-Chloroaniline		410	U	410	410
2-Chloronaphthalene		410	U	410	410
2-Chlorophenol		410	U	410	410
4-Chlorophenyl phenyl ether		410	U	410	410
Dibenzofuran		410	U	410	410
3,3'-Dichlorobenzidine		170	U	170	170
2,4-Dichlorophenol		170	U	170	170
Diethyl phthalate		410	U	410	410
2,4-Dimethylphenol		410	U	410	410
Dimethyl phthalate		410	U	410	410
Di-n-butyl phthalate		410	U	410	410
2,4-Dinitrophenol		330	U	330	330
2,4-Dinitrotoluene		83	U	83	83
2,6-Dinitrotoluene		83	U	83	83
Di-n-octyl phthalate		410	U	410	410
Hexachlorobenzene		41	U	41	41
Hexachlorobutadiene		83	U	83	83
Hexachlorocyclopentadiene		410	U	410	410
Hexachloroethane		41	U	41	41
Isophorone		170	U	170	170
2-Methylphenol		410	U	410	410
4-Methylphenol		410	U	410	410
2-Nitroaniline		410	U	410	410

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(5-6)**

Lab Sample ID: 460-86148-6 Date Sampled: 11/12/2014 1010
Client Matrix: Solid % Moisture: 19.8 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7268.D
Dilution:	1.0			Initial Weight/Volume:	15.0499 g
Analysis Date:	11/24/2014 0010			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		410	U	410	410
4-Nitroaniline		410	U	410	410
Nitrobenzene		41	U	41	41
2-Nitrophenol		410	U	410	410
N-Nitrosodiphenylamine		410	U	410	410
N-Nitrosodi-n-propylamine		41	U	41	41
Pentachlorophenol		330	U	330	330
Phenol		410	U	410	410
Pyridine		410	U	410	410
1,2,4,5-Tetrachlorobenzene		410	U	410	410
1,2,4-Trichlorobenzene		41	U	41	41
2,4,5-Trichlorophenol		410	U	410	410
2,4,6-Trichlorophenol		170	U	170	170
2,2'-oxybis[1-chloropropane]		410	U	410	410
4,6-Dinitro-2-methylphenol		330	U	330	330
4-Chloro-3-methylphenol		410	U	410	410
4-Nitrophenol		830	U	830	830
Bis(2-chloroethoxy)methane		410	U	410	410

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	60		30 - 130
Phenol-d5 (Surr)	57		30 - 130
Terphenyl-d14 (Surr)	73		30 - 130
2,4,6-Tribromophenol (Surr)	48		30 - 130
2-Fluorophenol (Surr)	56		30 - 130
2-Fluorobiphenyl	56		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(5-6)**

Lab Sample ID: 460-86148-6 Date Sampled: 11/12/2014 1010
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87292.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2002			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(5-6)**

Lab Sample ID: 460-86148-6 Date Sampled: 11/12/2014 1010
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87292.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2002			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	104		30 - 130
Phenol-d5 (Surr)	35		15 - 110
Terphenyl-d14 (Surr)	117		30 - 130
2,4,6-Tribromophenol (Surr)	106		15 - 110
2-Fluorophenol (Surr)	58		15 - 110
2-Fluorobiphenyl	104		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(5-6)**

Lab Sample ID: 460-86148-7 Date Sampled: 11/12/2014 0940
Client Matrix: Solid % Moisture: 19.3 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7269.D
Dilution:	1.0			Initial Weight/Volume:	15.0308 g
Analysis Date:	11/24/2014 0033			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		180		41	41
Anthracene		410	U	410	410
Benzo[a]pyrene		150		41	41
Chrysene		410	U	410	410
Naphthalene		410	U	410	410
Phenanthrene		410	U	410	410
Pyrene		410	U	410	410
Acenaphthylene		410	U	410	410
Acenaphthene		410	U	410	410
Fluorene		410	U	410	410
Fluoranthene		410	U	410	410
Benzo[b]fluoranthene		190		41	41
Benzo[k]fluoranthene		84		41	41
Benzo[g,h,i]perylene		410	U	410	410
Indeno[1,2,3-cd]pyrene		120		41	41
Dibenz(a,h)anthracene		41	U	41	41
2-Methylnaphthalene		410	U	410	410
Aniline		410	U	410	410
Bis(2-chloroethyl)ether		41	U	41	41
Bis(2-ethylhexyl) phthalate		410	U	410	410
4-Bromophenyl phenyl ether		410	U	410	410
Butyl benzyl phthalate		410	U	410	410
Carbazole		410	U	410	410
4-Chloroaniline		410	U	410	410
2-Chloronaphthalene		410	U	410	410
2-Chlorophenol		410	U	410	410
4-Chlorophenyl phenyl ether		410	U	410	410
Dibenzofuran		410	U	410	410
3,3'-Dichlorobenzidine		160	U	160	160
2,4-Dichlorophenol		160	U	160	160
Diethyl phthalate		410	U	410	410
2,4-Dimethylphenol		410	U	410	410
Dimethyl phthalate		410	U	410	410
Di-n-butyl phthalate		410	U	410	410
2,4-Dinitrophenol		330	U	330	330
2,4-Dinitrotoluene		83	U	83	83
2,6-Dinitrotoluene		83	U	83	83
Di-n-octyl phthalate		410	U	410	410
Hexachlorobenzene		41	U	41	41
Hexachlorobutadiene		83	U	83	83
Hexachlorocyclopentadiene		410	U	410	410
Hexachloroethane		41	U	41	41
Isophorone		160	U	160	160
2-Methylphenol		410	U	410	410
4-Methylphenol		410	U	410	410
2-Nitroaniline		410	U	410	410

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(5-6)**

Lab Sample ID: 460-86148-7 Date Sampled: 11/12/2014 0940
Client Matrix: Solid % Moisture: 19.3 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7269.D
Dilution:	1.0			Initial Weight/Volume:	15.0308 g
Analysis Date:	11/24/2014 0033			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		410	U	410	410
4-Nitroaniline		410	U	410	410
Nitrobenzene		41	U	41	41
2-Nitrophenol		410	U	410	410
N-Nitrosodiphenylamine		410	U	410	410
N-Nitrosodi-n-propylamine		41	U	41	41
Pentachlorophenol		330	U	330	330
Phenol		410	U	410	410
Pyridine		410	U	410	410
1,2,4,5-Tetrachlorobenzene		410	U	410	410
1,2,4-Trichlorobenzene		41	U	41	41
2,4,5-Trichlorophenol		410	U	410	410
2,4,6-Trichlorophenol		160	U	160	160
2,2'-oxybis[1-chloropropane]		410	U	410	410
4,6-Dinitro-2-methylphenol		330	U	330	330
4-Chloro-3-methylphenol		410	U	410	410
4-Nitrophenol		830	U	830	830
Bis(2-chloroethoxy)methane		410	U	410	410

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	61		30 - 130
Phenol-d5 (Surr)	56		30 - 130
Terphenyl-d14 (Surr)	71		30 - 130
2,4,6-Tribromophenol (Surr)	48		30 - 130
2-Fluorophenol (Surr)	54		30 - 130
2-Fluorobiphenyl	61		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(5-6)**

Lab Sample ID: 460-86148-7 Date Sampled: 11/12/2014 0940
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87293.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2023			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(5-6)**

Lab Sample ID: 460-86148-7 Date Sampled: 11/12/2014 0940
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87293.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2023			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	107		30 - 130
Phenol-d5 (Surr)	32		15 - 110
Terphenyl-d14 (Surr)	125		30 - 130
2,4,6-Tribromophenol (Surr)	108		15 - 110
2-Fluorophenol (Surr)	56		15 - 110
2-Fluorobiphenyl	104		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(6.5-7.5)**

Lab Sample ID: 460-86148-8 Date Sampled: 11/12/2014 0945
Client Matrix: Solid % Moisture: 11.9 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7275.D
Dilution:	2.0			Initial Weight/Volume:	15.0275 g
Analysis Date:	11/24/2014 0252			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		1500		75	75
Anthracene		1200		750	750
Benzo[a]pyrene		1000		75	75
Chrysene		1400		750	750
Naphthalene		750	U	750	750
Phenanthrene		7300		750	750
Pyrene		3400		750	750
Acenaphthylene		750	U	750	750
Acenaphthene		750	U	750	750
Fluorene		750	U	750	750
Fluoranthene		4400		750	750
Benzo[b]fluoranthene		1300		75	75
Benzo[k]fluoranthene		490		75	75
Benzo[g,h,i]perylene		960		750	750
Indeno[1,2,3-cd]pyrene		980		75	75
Dibenz(a,h)anthracene		260		75	75
2-Methylnaphthalene		750	U	750	750
Aniline		750	U	750	750
Bis(2-chloroethyl)ether		75	U	75	75
Bis(2-ethylhexyl) phthalate		750	U	750	750
4-Bromophenyl phenyl ether		750	U	750	750
Butyl benzyl phthalate		750	U	750	750
Carbazole		750	U	750	750
4-Chloroaniline		750	U	750	750
2-Chloronaphthalene		750	U	750	750
2-Chlorophenol		750	U	750	750
4-Chlorophenyl phenyl ether		750	U	750	750
Dibenzofuran		840		750	750
3,3'-Dichlorobenzidine		300	U	300	300
2,4-Dichlorophenol		300	U	300	300
Diethyl phthalate		750	U	750	750
2,4-Dimethylphenol		750	U	750	750
Dimethyl phthalate		750	U	750	750
Di-n-butyl phthalate		750	U	750	750
2,4-Dinitrophenol		600	U	600	600
2,4-Dinitrotoluene		150	U	150	150
2,6-Dinitrotoluene		150	U	150	150
Di-n-octyl phthalate		750	U	750	750
Hexachlorobenzene		75	U	75	75
Hexachlorobutadiene		150	U	150	150
Hexachlorocyclopentadiene		750	U	750	750
Hexachloroethane		75	U	75	75
Isophorone		300	U	300	300
2-Methylphenol		750	U	750	750
4-Methylphenol		750	U	750	750
2-Nitroaniline		750	U	750	750

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(6.5-7.5)**

Lab Sample ID: 460-86148-8 Date Sampled: 11/12/2014 0945
Client Matrix: Solid % Moisture: 11.9 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7275.D
Dilution:	2.0			Initial Weight/Volume:	15.0275 g
Analysis Date:	11/24/2014 0252			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		750	U	750	750
4-Nitroaniline		750	U	750	750
Nitrobenzene		75	U	75	75
2-Nitrophenol		750	U	750	750
N-Nitrosodiphenylamine		750	U	750	750
N-Nitrosodi-n-propylamine		75	U	75	75
Pentachlorophenol		600	U	600	600
Phenol		750	U	750	750
Pyridine		750	U	750	750
1,2,4,5-Tetrachlorobenzene		750	U	750	750
1,2,4-Trichlorobenzene		75	U	75	75
2,4,5-Trichlorophenol		750	U	750	750
2,4,6-Trichlorophenol		300	U	300	300
2,2'-oxybis[1-chloropropane]		750	U	750	750
4,6-Dinitro-2-methylphenol		600	U	600	600
4-Chloro-3-methylphenol		750	U	750	750
4-Nitrophenol		1500	U	1500	1500
Bis(2-chloroethoxy)methane		750	U	750	750

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	53		30 - 130
Phenol-d5 (Surr)	47		30 - 130
Terphenyl-d14 (Surr)	59		30 - 130
2,4,6-Tribromophenol (Surr)	31		30 - 130
2-Fluorophenol (Surr)	46		30 - 130
2-Fluorobiphenyl	60		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(6.5-7.5)**

Lab Sample ID: 460-86148-8 Date Sampled: 11/12/2014 0945
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87294.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2044			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(6.5-7.5)**

Lab Sample ID: 460-86148-8 Date Sampled: 11/12/2014 0945
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87294.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2044			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.019		0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	105		30 - 130
Phenol-d5 (Surr)	36		15 - 110
Terphenyl-d14 (Surr)	121		30 - 130
2,4,6-Tribromophenol (Surr)	101		15 - 110
2-Fluorophenol (Surr)	55		15 - 110
2-Fluorobiphenyl	104		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(5-6)**

Lab Sample ID: 460-86148-9 Date Sampled: 11/12/2014 1050
Client Matrix: Solid % Moisture: 27.3 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7270.D
Dilution:	1.0			Initial Weight/Volume:	15.0234 g
Analysis Date:	11/24/2014 0056			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		500		45	45
Anthracene		450	U	450	450
Benzo[a]pyrene		540		45	45
Chrysene		560		450	450
Naphthalene		450	U	450	450
Phenanthrene		820		450	450
Pyrene		900		450	450
Acenaphthylene		450	U	450	450
Acenaphthene		450	U	450	450
Fluorene		450	U	450	450
Fluoranthene		870		450	450
Benzo[b]fluoranthene		670		45	45
Benzo[k]fluoranthene		240		45	45
Benzo[g,h,i]perylene		470		450	450
Indeno[1,2,3-cd]pyrene		460		45	45
Dibenz(a,h)anthracene		110		45	45
2-Methylnaphthalene		450	U	450	450
Aniline		450	U	450	450
Bis(2-chloroethyl)ether		45	U	45	45
Bis(2-ethylhexyl) phthalate		450	U	450	450
4-Bromophenyl phenyl ether		450	U	450	450
Butyl benzyl phthalate		450	U	450	450
Carbazole		450	U	450	450
4-Chloroaniline		450	U	450	450
2-Chloronaphthalene		450	U	450	450
2-Chlorophenol		450	U	450	450
4-Chlorophenyl phenyl ether		450	U	450	450
Dibenzofuran		450	U	450	450
3,3'-Dichlorobenzidine		180	U	180	180
2,4-Dichlorophenol		180	U	180	180
Diethyl phthalate		450	U	450	450
2,4-Dimethylphenol		450	U	450	450
Dimethyl phthalate		450	U	450	450
Di-n-butyl phthalate		450	U	450	450
2,4-Dinitrophenol		370	U	370	370
2,4-Dinitrotoluene		92	U	92	92
2,6-Dinitrotoluene		92	U	92	92
Di-n-octyl phthalate		450	U	450	450
Hexachlorobenzene		45	U	45	45
Hexachlorobutadiene		92	U	92	92
Hexachlorocyclopentadiene		450	U	450	450
Hexachloroethane		45	U	45	45
Isophorone		180	U	180	180
2-Methylphenol		450	U	450	450
4-Methylphenol		450	U	450	450
2-Nitroaniline		450	U	450	450

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(5-6)**

Lab Sample ID: 460-86148-9 Date Sampled: 11/12/2014 1050
Client Matrix: Solid % Moisture: 27.3 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7270.D
Dilution:	1.0			Initial Weight/Volume:	15.0234 g
Analysis Date:	11/24/2014 0056			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		450	U	450	450
4-Nitroaniline		450	U	450	450
Nitrobenzene		45	U	45	45
2-Nitrophenol		450	U	450	450
N-Nitrosodiphenylamine		450	U	450	450
N-Nitrosodi-n-propylamine		45	U	45	45
Pentachlorophenol		370	U	370	370
Phenol		450	U	450	450
Pyridine		450	U	450	450
1,2,4,5-Tetrachlorobenzene		450	U	450	450
1,2,4-Trichlorobenzene		45	U	45	45
2,4,5-Trichlorophenol		450	U	450	450
2,4,6-Trichlorophenol		180	U	180	180
2,2'-oxybis[1-chloropropane]		450	U	450	450
4,6-Dinitro-2-methylphenol		370	U	370	370
4-Chloro-3-methylphenol		450	U	450	450
4-Nitrophenol		920	U	920	920
Bis(2-chloroethoxy)methane		450	U	450	450

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	52		30 - 130
Phenol-d5 (Surr)	47		30 - 130
Terphenyl-d14 (Surr)	65		30 - 130
2,4,6-Tribromophenol (Surr)	38		30 - 130
2-Fluorophenol (Surr)	45		30 - 130
2-Fluorobiphenyl	53		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(5-6)**

Lab Sample ID: 460-86148-9 Date Sampled: 11/12/2014 1050
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87295.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2104			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(5-6)**

Lab Sample ID: 460-86148-9 Date Sampled: 11/12/2014 1050
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87295.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2104			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	113		30 - 130
Phenol-d5 (Surr)	36		15 - 110
Terphenyl-d14 (Surr)	126		30 - 130
2,4,6-Tribromophenol (Surr)	109		15 - 110
2-Fluorophenol (Surr)	59		15 - 110
2-Fluorobiphenyl	107		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(6-7)**

Lab Sample ID: 460-86148-10 Date Sampled: 11/12/2014 1055
Client Matrix: Solid % Moisture: 37.7 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7271.D
Dilution:	1.0			Initial Weight/Volume:	15.0264 g
Analysis Date:	11/24/2014 0119			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		2000		53	53
Anthracene		880		530	530
Benzo[a]pyrene		2700		53	53
Chrysene		2400		530	530
Naphthalene		530	U	530	530
Phenanthrene		2400		530	530
Pyrene		3100		530	530
Acenaphthylene		530	U	530	530
Acenaphthene		530	U	530	530
Fluorene		530	U	530	530
Fluoranthene		3800		530	530
Benzo[b]fluoranthene		3200		53	53
Benzo[k]fluoranthene		1100		53	53
Benzo[g,h,i]perylene		2600		530	530
Indeno[1,2,3-cd]pyrene		2800		53	53
Dibenz(a,h)anthracene		610		53	53
2-Methylnaphthalene		530	U	530	530
Aniline		530	U	530	530
Bis(2-chloroethyl)ether		53	U	53	53
Bis(2-ethylhexyl) phthalate		530	U	530	530
4-Bromophenyl phenyl ether		530	U	530	530
Butyl benzyl phthalate		530	U	530	530
Carbazole		530	U	530	530
4-Chloroaniline		530	U	530	530
2-Chloronaphthalene		530	U	530	530
2-Chlorophenol		530	U	530	530
4-Chlorophenyl phenyl ether		530	U	530	530
Dibenzofuran		530	U	530	530
3,3'-Dichlorobenzidine		210	U	210	210
2,4-Dichlorophenol		210	U	210	210
Diethyl phthalate		530	U	530	530
2,4-Dimethylphenol		530	U	530	530
Dimethyl phthalate		530	U	530	530
Di-n-butyl phthalate		530	U	530	530
2,4-Dinitrophenol		430	U	430	430
2,4-Dinitrotoluene		110	U	110	110
2,6-Dinitrotoluene		110	U	110	110
Di-n-octyl phthalate		530	U	530	530
Hexachlorobenzene		53	U	53	53
Hexachlorobutadiene		110	U	110	110
Hexachlorocyclopentadiene		530	U	530	530
Hexachloroethane		53	U	53	53
Isophorone		210	U	210	210
2-Methylphenol		530	U	530	530
4-Methylphenol		530	U	530	530
2-Nitroaniline		530	U	530	530

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(6-7)**

Lab Sample ID: 460-86148-10 Date Sampled: 11/12/2014 1055
Client Matrix: Solid % Moisture: 37.7 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7271.D
Dilution:	1.0			Initial Weight/Volume:	15.0264 g
Analysis Date:	11/24/2014 0119			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		530	U	530	530
4-Nitroaniline		530	U	530	530
Nitrobenzene		53	U	53	53
2-Nitrophenol		530	U	530	530
N-Nitrosodiphenylamine		530	U	530	530
N-Nitrosodi-n-propylamine		53	U	53	53
Pentachlorophenol		430	U	430	430
Phenol		530	U	530	530
Pyridine		530	U	530	530
1,2,4,5-Tetrachlorobenzene		530	U	530	530
1,2,4-Trichlorobenzene		53	U	53	53
2,4,5-Trichlorophenol		530	U	530	530
2,4,6-Trichlorophenol		210	U	210	210
2,2'-oxybis[1-chloropropane]		530	U	530	530
4,6-Dinitro-2-methylphenol		430	U	430	430
4-Chloro-3-methylphenol		530	U	530	530
4-Nitrophenol		1100	U	1100	1100
Bis(2-chloroethoxy)methane		530	U	530	530

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	54		30 - 130
Phenol-d5 (Surr)	50		30 - 130
Terphenyl-d14 (Surr)	61		30 - 130
2,4,6-Tribromophenol (Surr)	49		30 - 130
2-Fluorophenol (Surr)	50		30 - 130
2-Fluorobiphenyl	61		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(6-7)**

Lab Sample ID: 460-86148-10 Date Sampled: 11/12/2014 1055
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87296.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2125			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(6-7)**

Lab Sample ID: 460-86148-10 Date Sampled: 11/12/2014 1055
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87296.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2125			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	106		30 - 130
Phenol-d5 (Surr)	39		15 - 110
Terphenyl-d14 (Surr)	120		30 - 130
2,4,6-Tribromophenol (Surr)	104		15 - 110
2-Fluorophenol (Surr)	62		15 - 110
2-Fluorobiphenyl	111		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(1-2)**

Lab Sample ID: 460-86148-11 Date Sampled: 11/12/2014 1205
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7272.D
Dilution:	1.0			Initial Weight/Volume:	15.0583 g
Analysis Date:	11/24/2014 0143			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		370		37	37
Anthracene		370	U	370	370
Benzo[a]pyrene		320		37	37
Chrysene		420		370	370
Naphthalene		370	U	370	370
Phenanthrene		410		370	370
Pyrene		610		370	370
Acenaphthylene		370	U	370	370
Acenaphthene		370	U	370	370
Fluorene		370	U	370	370
Fluoranthene		540		370	370
Benzo[b]fluoranthene		410		37	37
Benzo[k]fluoranthene		150		37	37
Benzo[g,h,i]perylene		370	U	370	370
Indeno[1,2,3-cd]pyrene		310		37	37
Dibenz(a,h)anthracene		79		37	37
2-Methylnaphthalene		370	U	370	370
Aniline		370	U	370	370
Bis(2-chloroethyl)ether		37	U	37	37
Bis(2-ethylhexyl) phthalate		370	U	370	370
4-Bromophenyl phenyl ether		370	U	370	370
Butyl benzyl phthalate		370	U	370	370
Carbazole		370	U	370	370
4-Chloroaniline		370	U	370	370
2-Chloronaphthalene		370	U	370	370
2-Chlorophenol		370	U	370	370
4-Chlorophenyl phenyl ether		370	U	370	370
Dibenzofuran		370	U	370	370
3,3'-Dichlorobenzidine		150	U	150	150
2,4-Dichlorophenol		150	U	150	150
Diethyl phthalate		370	U	370	370
2,4-Dimethylphenol		370	U	370	370
Dimethyl phthalate		370	U	370	370
Di-n-butyl phthalate		370	U	370	370
2,4-Dinitrophenol		300	U	300	300
2,4-Dinitrotoluene		75	U	75	75
2,6-Dinitrotoluene		75	U	75	75
Di-n-octyl phthalate		370	U	370	370
Hexachlorobenzene		37	U	37	37
Hexachlorobutadiene		75	U	75	75
Hexachlorocyclopentadiene		370	U	370	370
Hexachloroethane		37	U	37	37
Isophorone		150	U	150	150
2-Methylphenol		370	U	370	370
4-Methylphenol		370	U	370	370
2-Nitroaniline		370	U	370	370

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(1-2)**

Lab Sample ID: 460-86148-11 Date Sampled: 11/12/2014 1205
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7272.D
Dilution:	1.0			Initial Weight/Volume:	15.0583 g
Analysis Date:	11/24/2014 0143			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		370	U	370	370
4-Nitroaniline		370	U	370	370
Nitrobenzene		37	U	37	37
2-Nitrophenol		370	U	370	370
N-Nitrosodiphenylamine		370	U	370	370
N-Nitrosodi-n-propylamine		37	U	37	37
Pentachlorophenol		300	U	300	300
Phenol		370	U	370	370
Pyridine		370	U	370	370
1,2,4,5-Tetrachlorobenzene		370	U	370	370
1,2,4-Trichlorobenzene		37	U	37	37
2,4,5-Trichlorophenol		370	U	370	370
2,4,6-Trichlorophenol		150	U	150	150
2,2'-oxybis[1-chloropropane]		370	U	370	370
4,6-Dinitro-2-methylphenol		300	U	300	300
4-Chloro-3-methylphenol		370	U	370	370
4-Nitrophenol		750	U	750	750
Bis(2-chloroethoxy)methane		370	U	370	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	59		30 - 130
Phenol-d5 (Surr)	53		30 - 130
Terphenyl-d14 (Surr)	67		30 - 130
2,4,6-Tribromophenol (Surr)	45		30 - 130
2-Fluorophenol (Surr)	51		30 - 130
2-Fluorobiphenyl	60		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(1-2)**

Lab Sample ID: 460-86148-11 Date Sampled: 11/12/2014 1205
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87297.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2146			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(1-2)**

Lab Sample ID: 460-86148-11 Date Sampled: 11/12/2014 1205
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87297.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2146			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	109		30 - 130
Phenol-d5 (Surr)	36		15 - 110
Terphenyl-d14 (Surr)	114		30 - 130
2,4,6-Tribromophenol (Surr)	98		15 - 110
2-Fluorophenol (Surr)	60		15 - 110
2-Fluorobiphenyl	104		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(4-5)**

Lab Sample ID: 460-86148-12 Date Sampled: 11/12/2014 1210
Client Matrix: Solid % Moisture: 14.0 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7273.D
Dilution:	1.0			Initial Weight/Volume:	15.0395 g
Analysis Date:	11/24/2014 0206			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		530		38	38
Anthracene		380	U	380	380
Benzo[a]pyrene		490		38	38
Chrysene		580		380	380
Naphthalene		380	U	380	380
Phenanthrene		1100		380	380
Pyrene		890		380	380
Acenaphthylene		380	U	380	380
Acenaphthene		380	U	380	380
Fluorene		380	U	380	380
Fluoranthene		1000		380	380
Benzo[b]fluoranthene		620		38	38
Benzo[k]fluoranthene		230		38	38
Benzo[g,h,i]perylene		500		380	380
Indeno[1,2,3-cd]pyrene		520		38	38
Dibenz(a,h)anthracene		120		38	38
2-Methylnaphthalene		380	U	380	380
Aniline		380	U	380	380
Bis(2-chloroethyl)ether		38	U	38	38
Bis(2-ethylhexyl) phthalate		380	U	380	380
4-Bromophenyl phenyl ether		380	U	380	380
Butyl benzyl phthalate		380	U	380	380
Carbazole		380	U	380	380
4-Chloroaniline		380	U	380	380
2-Chloronaphthalene		380	U	380	380
2-Chlorophenol		380	U	380	380
4-Chlorophenyl phenyl ether		380	U	380	380
Dibenzofuran		380	U	380	380
3,3'-Dichlorobenzidine		150	U	150	150
2,4-Dichlorophenol		150	U	150	150
Diethyl phthalate		380	U	380	380
2,4-Dimethylphenol		380	U	380	380
Dimethyl phthalate		380	U	380	380
Di-n-butyl phthalate		380	U	380	380
2,4-Dinitrophenol		310	U	310	310
2,4-Dinitrotoluene		78	U	78	78
2,6-Dinitrotoluene		78	U	78	78
Di-n-octyl phthalate		380	U	380	380
Hexachlorobenzene		38	U	38	38
Hexachlorobutadiene		78	U	78	78
Hexachlorocyclopentadiene		380	U	380	380
Hexachloroethane		38	U	38	38
Isophorone		150	U	150	150
2-Methylphenol		380	U	380	380
4-Methylphenol		380	U	380	380
2-Nitroaniline		380	U	380	380

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(4-5)**

Lab Sample ID: 460-86148-12 Date Sampled: 11/12/2014 1210
Client Matrix: Solid % Moisture: 14.0 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7273.D
Dilution:	1.0			Initial Weight/Volume:	15.0395 g
Analysis Date:	11/24/2014 0206			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		380	U	380	380
4-Nitroaniline		380	U	380	380
Nitrobenzene		38	U	38	38
2-Nitrophenol		380	U	380	380
N-Nitrosodiphenylamine		380	U	380	380
N-Nitrosodi-n-propylamine		38	U	38	38
Pentachlorophenol		310	U	310	310
Phenol		380	U	380	380
Pyridine		380	U	380	380
1,2,4,5-Tetrachlorobenzene		380	U	380	380
1,2,4-Trichlorobenzene		38	U	38	38
2,4,5-Trichlorophenol		380	U	380	380
2,4,6-Trichlorophenol		150	U	150	150
2,2'-oxybis[1-chloropropane]		380	U	380	380
4,6-Dinitro-2-methylphenol		310	U	310	310
4-Chloro-3-methylphenol		380	U	380	380
4-Nitrophenol		780	U	780	780
Bis(2-chloroethoxy)methane		380	U	380	380

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	55		30 - 130
Phenol-d5 (Surr)	49		30 - 130
Terphenyl-d14 (Surr)	59		30 - 130
2,4,6-Tribromophenol (Surr)	32		30 - 130
2-Fluorophenol (Surr)	48		30 - 130
2-Fluorobiphenyl	58		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(4-5)**

Lab Sample ID: 460-86148-12 Date Sampled: 11/12/2014 1210
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87298.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2207			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(4-5)**

Lab Sample ID: 460-86148-12 Date Sampled: 11/12/2014 1210
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87298.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2207			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	107		30 - 130
Phenol-d5 (Surr)	37		15 - 110
Terphenyl-d14 (Surr)	118		30 - 130
2,4,6-Tribromophenol (Surr)	101		15 - 110
2-Fluorophenol (Surr)	60		15 - 110
2-Fluorobiphenyl	104		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(6-7)**

Lab Sample ID: 460-86148-13 Date Sampled: 11/12/2014 1220
Client Matrix: Solid % Moisture: 10.5 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7274.D
Dilution:	1.0			Initial Weight/Volume:	15.0142 g
Analysis Date:	11/24/2014 0229			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
Benzo[a]anthracene		420		37	37
Anthracene		370	U	370	370
Benzo[a]pyrene		340		37	37
Chrysene		430		370	370
Naphthalene		370	U	370	370
Phenanthrene		600		370	370
Pyrene		750		370	370
Acenaphthylene		370	U	370	370
Acenaphthene		370	U	370	370
Fluorene		370	U	370	370
Fluoranthene		570		370	370
Benzo[b]fluoranthene		390		37	37
Benzo[k]fluoranthene		120		37	37
Benzo[g,h,i]perylene		400		370	370
Indeno[1,2,3-cd]pyrene		370		37	37
Dibenz(a,h)anthracene		80		37	37
2-Methylnaphthalene		370	U	370	370
Aniline		370	U	370	370
Bis(2-chloroethyl)ether		37	U	37	37
Bis(2-ethylhexyl) phthalate		370	U	370	370
4-Bromophenyl phenyl ether		370	U	370	370
Butyl benzyl phthalate		370	U	370	370
Carbazole		370	U	370	370
4-Chloroaniline		370	U	370	370
2-Chloronaphthalene		370	U	370	370
2-Chlorophenol		370	U	370	370
4-Chlorophenyl phenyl ether		370	U	370	370
Dibenzofuran		370	U	370	370
3,3'-Dichlorobenzidine		150	U	150	150
2,4-Dichlorophenol		150	U	150	150
Diethyl phthalate		370	U	370	370
2,4-Dimethylphenol		370	U	370	370
Dimethyl phthalate		370	U	370	370
Di-n-butyl phthalate		370	U	370	370
2,4-Dinitrophenol		300	U	300	300
2,4-Dinitrotoluene		75	U	75	75
2,6-Dinitrotoluene		75	U	75	75
Di-n-octyl phthalate		370	U	370	370
Hexachlorobenzene		37	U	37	37
Hexachlorobutadiene		75	U	75	75
Hexachlorocyclopentadiene		370	U	370	370
Hexachloroethane		37	U	37	37
Isophorone		150	U	150	150
2-Methylphenol		370	U	370	370
4-Methylphenol		370	U	370	370
2-Nitroaniline		370	U	370	370

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(6-7)**

Lab Sample ID: 460-86148-13 Date Sampled: 11/12/2014 1220
Client Matrix: Solid % Moisture: 10.5 Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)

Analysis Method:	8270	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Prep Method:	3546	Prep Batch:	460-263045	Lab File ID:	x7274.D
Dilution:	1.0			Initial Weight/Volume:	15.0142 g
Analysis Date:	11/24/2014 0229			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	RL	RL
3-Nitroaniline		370	U	370	370
4-Nitroaniline		370	U	370	370
Nitrobenzene		37	U	37	37
2-Nitrophenol		370	U	370	370
N-Nitrosodiphenylamine		370	U	370	370
N-Nitrosodi-n-propylamine		37	U	37	37
Pentachlorophenol		300	U	300	300
Phenol		370	U	370	370
Pyridine		370	U	370	370
1,2,4,5-Tetrachlorobenzene		370	U	370	370
1,2,4-Trichlorobenzene		37	U	37	37
2,4,5-Trichlorophenol		370	U	370	370
2,4,6-Trichlorophenol		150	U	150	150
2,2'-oxybis[1-chloropropane]		370	U	370	370
4,6-Dinitro-2-methylphenol		300	U	300	300
4-Chloro-3-methylphenol		370	U	370	370
4-Nitrophenol		750	U	750	750
Bis(2-chloroethoxy)methane		370	U	370	370

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	56		30 - 130
Phenol-d5 (Surr)	49		30 - 130
Terphenyl-d14 (Surr)	59		30 - 130
2,4,6-Tribromophenol (Surr)	33		30 - 130
2-Fluorophenol (Surr)	48		30 - 130
2-Fluorobiphenyl	56		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(6-7)**

Lab Sample ID: 460-86148-13 Date Sampled: 11/12/2014 1220
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87299.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2227			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Acenaphthene		0.010	U	0.010	0.010
Acenaphthylene		0.010	U	0.010	0.010
Aniline		0.010	U	0.010	0.010
Anthracene		0.010	U	0.010	0.010
Benzo[a]anthracene		0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene		0.010	U	0.010	0.010
Benzo[k]fluoranthene		0.0010	U	0.0010	0.0010
Benzo[a]pyrene		0.0010	U	0.0010	0.0010
Bis(2-chloroethyl)ether		0.0010	U	0.0010	0.0010
2,2'-oxybis[1-chloropropane]		0.010	U	0.010	0.010
Bis(2-ethylhexyl) phthalate		0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether		0.010	U	0.010	0.010
Butyl benzyl phthalate		0.010	U	0.010	0.010
Carbazole		0.010	U	0.010	0.010
4-Chloroaniline		0.010	U	0.010	0.010
4-Chloro-3-methylphenol		0.010	U	0.010	0.010
2-Chloronaphthalene		0.010	U	0.010	0.010
2-Chlorophenol		0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether		0.010	U	0.010	0.010
Chrysene		0.0020	U	0.0020	0.0020
Dibenzofuran		0.010	U	0.010	0.010
Dibenz(a,h)anthracene		0.0010	U	0.0010	0.0010
3,3'-Dichlorobenzidine		0.010	U	0.010	0.010
2,4-Dichlorophenol		0.010	U	0.010	0.010
Diethyl phthalate		0.010	U	0.010	0.010
2,4-Dimethylphenol		0.010	U	0.010	0.010
Dimethyl phthalate		0.010	U	0.010	0.010
Di-n-butyl phthalate		0.010	U	0.010	0.010
4,6-Dinitro-2-methylphenol		0.020	U	0.020	0.020
2,4-Dinitrophenol		0.020	U	0.020	0.020
2,4-Dinitrotoluene		0.0020	U	0.0020	0.0020
2,6-Dinitrotoluene		0.0020	U	0.0020	0.0020
Di-n-octyl phthalate		0.010	U	0.010	0.010
Fluoranthene		0.010	U	0.010	0.010
Fluorene		0.010	U	0.010	0.010
Hexachlorobenzene		0.0010	U	0.0010	0.0010
Hexachlorobutadiene		0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene		0.010	U	0.010	0.010
Hexachloroethane		0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene		0.0010	U	0.0010	0.0010
Isophorone		0.010	U	0.010	0.010
2-Methylnaphthalene		0.010	U	0.010	0.010
2-Methylphenol		0.010	U	0.010	0.010
4-Methylphenol		0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(6-7)**

Lab Sample ID: 460-86148-13 Date Sampled: 11/12/2014 1220
Client Matrix: Solid Date Received: 11/13/2014 0930

8270 Semivolatile Compounds (GC/MS)-SPLP East

Analysis Method:	8270	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Prep Method:	3510C	Prep Batch:	460-263897	Lab File ID:	M87299.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2227			Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	DryWt Corrected: N	Result (mg/L)	Qualifier	RL	RL
Naphthalene		0.010	U	0.010	0.010
2-Nitroaniline		0.010	U	0.010	0.010
3-Nitroaniline		0.010	U	0.010	0.010
4-Nitroaniline		0.010	U	0.010	0.010
Nitrobenzene		0.0010	U	0.0010	0.0010
2-Nitrophenol		0.010	U	0.010	0.010
4-Nitrophenol		0.020	U	0.020	0.020
N-Nitrosodiphenylamine		0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine		0.0010	U	0.0010	0.0010
Pentachlorophenol		0.020	U	0.020	0.020
Phenanthrene		0.010	U	0.010	0.010
Phenol		0.010	U	0.010	0.010
Pyrene		0.010	U	0.010	0.010
Pyridine		0.010	U	0.010	0.010
1,2,4-Trichlorobenzene		0.0010	U	0.0010	0.0010
2,4,5-Trichlorophenol		0.010	U	0.010	0.010
2,4,6-Trichlorophenol		0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane		0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene		0.010	U	0.010	0.010

Surrogate	%Rec	Qualifier	Acceptance Limits
Nitrobenzene-d5 (Surr)	109		30 - 130
Phenol-d5 (Surr)	36		15 - 110
Terphenyl-d14 (Surr)	116		30 - 130
2,4,6-Tribromophenol (Surr)	98		15 - 110
2-Fluorophenol (Surr)	57		15 - 110
2-Fluorobiphenyl	97		30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-85(1-2)**

Lab Sample ID: 460-86148-2 Date Sampled: 11/12/2014 1130
Client Matrix: Solid % Moisture: 14.3 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263789	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F011027.D
Dilution:	50			Initial Weight/Volume:	15.0121 g
Analysis Date:	11/19/2014 1145			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		6500		64	290

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	118		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(4-5)**

Lab Sample ID: 460-86148-3 Date Sampled: 11/12/2014 0915
Client Matrix: Solid % Moisture: 13.6 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F010937.D
Dilution:	1.0			Initial Weight/Volume:	15.0232 g
Analysis Date:	11/18/2014 1517			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		1.3	U	1.3	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	85		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-86(6-7)**

Lab Sample ID: 460-86148-4 Date Sampled: 11/12/2014 0920
Client Matrix: Solid % Moisture: 12.2 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F010938.D
Dilution:	1.0			Initial Weight/Volume:	15.0424 g
Analysis Date:	11/18/2014 1530			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		28		1.2	5.7

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	88		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(2-3)**

Lab Sample ID: 460-86148-5 Date Sampled: 11/12/2014 1005
Client Matrix: Solid % Moisture: 24.6 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F010939.D
Dilution:	1.0			Initial Weight/Volume:	15.0323 g
Analysis Date:	11/18/2014 1542			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		1.5	U	1.5	6.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	84		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-87(5-6)**

Lab Sample ID: 460-86148-6 Date Sampled: 11/12/2014 1010
Client Matrix: Solid % Moisture: 19.8 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F010940.D
Dilution:	1.0			Initial Weight/Volume:	15.0232 g
Analysis Date:	11/18/2014 1555			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		1.4	U	1.4	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	89		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(5-6)**

Lab Sample ID: 460-86148-7 Date Sampled: 11/12/2014 0940
Client Matrix: Solid % Moisture: 19.3 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F010941.D
Dilution:	1.0			Initial Weight/Volume:	15.0421 g
Analysis Date:	11/18/2014 1607			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		60		1.4	6.2

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	88		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-88(6.5-7.5)**

Lab Sample ID: 460-86148-8 Date Sampled: 11/12/2014 0945
Client Matrix: Solid % Moisture: 11.9 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263789	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F011028.D
Dilution:	5.0			Initial Weight/Volume:	15.0323 g
Analysis Date:	11/19/2014 1157			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		350		6.2	28

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	99		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(5-6)**

Lab Sample ID: 460-86148-9 Date Sampled: 11/12/2014 1050
Client Matrix: Solid % Moisture: 27.3 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F010943.D
Dilution:	1.0			Initial Weight/Volume:	15.0232 g
Analysis Date:	11/18/2014 1633			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		380		1.5	6.9

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	97		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-89(6-7)**

Lab Sample ID: 460-86148-10 Date Sampled: 11/12/2014 1055
Client Matrix: Solid % Moisture: 37.7 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F010944.D
Dilution:	1.0			Initial Weight/Volume:	15.0424 g
Analysis Date:	11/18/2014 1646			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		310		1.8	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	87		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(1-2)**

Lab Sample ID: 460-86148-11 Date Sampled: 11/12/2014 1205
Client Matrix: Solid % Moisture: 10.6 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F010945.D
Dilution:	1.0			Initial Weight/Volume:	15.0121 g
Analysis Date:	11/18/2014 1658			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		43		1.2	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	84		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(4-5)**

Lab Sample ID: 460-86148-12 Date Sampled: 11/12/2014 1210
Client Matrix: Solid % Moisture: 14.0 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F010946.D
Dilution:	1.0			Initial Weight/Volume:	15.0335 g
Analysis Date:	11/18/2014 1710			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		62		1.3	5.8

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	93		50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Client Sample ID: **SB-90(6-7)**

Lab Sample ID: 460-86148-13 Date Sampled: 11/12/2014 1220
Client Matrix: Solid % Moisture: 10.5 Date Received: 11/13/2014 0930

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Analysis Method:	CT ETPH	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Prep Method:	3546	Prep Batch:	460-262853	Lab File ID:	2F010947.D
Dilution:	1.0			Initial Weight/Volume:	15.0222 g
Analysis Date:	11/18/2014 1723			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
C9-C36		75		1.2	5.6

Surrogate	%Rec	Qualifier	Acceptance Limits
o-Terphenyl	91		50 - 150

General Chemistry

Client Sample ID: **SB-85(1-2)**

Lab Sample ID: 460-86148-2 Date Sampled: 11/12/2014 1130

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263212	Analysis Date: 11/17/2014 0912						DryWt Corrected: N
Percent Solids	85.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263212	Analysis Date: 11/17/2014 0912						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-86(4-5)**

Lab Sample ID: 460-86148-3 Date Sampled: 11/12/2014 0915

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-263212	Analysis Date: 11/17/2014 0912					DryWt Corrected: N
Percent Solids	86.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-263212	Analysis Date: 11/17/2014 0912					DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-86(6-7)**

Lab Sample ID: 460-86148-4 Date Sampled: 11/12/2014 0920

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.2		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263212	Analysis Date: 11/17/2014 0912						DryWt Corrected: N
Percent Solids	87.8		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263212	Analysis Date: 11/17/2014 0912						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-87(2-3)**

Lab Sample ID: 460-86148-5 Date Sampled: 11/12/2014 1005

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	24.6		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N
Percent Solids	75.4		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-87(5-6)**

Lab Sample ID: 460-86148-6 Date Sampled: 11/12/2014 1010

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-263229		Analysis Date: 11/17/2014 0932				DryWt Corrected: N
Percent Solids	80.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-263229		Analysis Date: 11/17/2014 0932				DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-88(5-6)**

Lab Sample ID: 460-86148-7 Date Sampled: 11/12/2014 0940

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N
Percent Solids	80.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-88(6.5-7.5)**

Lab Sample ID: 460-86148-8 Date Sampled: 11/12/2014 0945

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	11.9		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N
Percent Solids	88.1		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-89(5-6)**

Lab Sample ID: 460-86148-9 Date Sampled: 11/12/2014 1050

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	27.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N
Percent Solids	72.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-89(6-7)**

Lab Sample ID: 460-86148-10 Date Sampled: 11/12/2014 1055

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	37.7		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N
Percent Solids	62.3		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-90(1-2)**

Lab Sample ID: 460-86148-11 Date Sampled: 11/12/2014 1205

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-263229		Analysis Date: 11/17/2014 0932				DryWt Corrected: N
Percent Solids	89.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-263229		Analysis Date: 11/17/2014 0932				DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-90(4-5)**

Lab Sample ID: 460-86148-12 Date Sampled: 11/12/2014 1210

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N
Percent Solids	86.0		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N

General Chemistry

Client Sample ID: **SB-90(6-7)**

Lab Sample ID: 460-86148-13 Date Sampled: 11/12/2014 1220

Client Matrix: Solid Date Received: 11/13/2014 0930

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N
Percent Solids	89.5		%	1.0	1.0	1.0	Moisture
Analysis Batch: 460-263229	Analysis Date: 11/17/2014 0932						DryWt Corrected: N

DATA REPORTING QUALIFIERS

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	*	Recovery or RPD exceeds control limits
GC/MS Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F1	MS and/or MSD Recovery exceeds the control limits
	*	Recovery or RPD exceeds control limits
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.

QUALITY CONTROL RESULTS

Client: Weston Solutions, Inc. Job Number: 460-86148-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-262570					
460-86148-8	SB-88(6.5-7.5)	T	Solid	5035	
460-86148-10	SB-89(6-7)	T	Solid	5035	
Prep Batch: 460-262571					
460-86148-2	SB-85(1-2)	T	Solid	5035	
460-86148-3	SB-86(4-5)	T	Solid	5035	
460-86148-4	SB-86(6-7)	T	Solid	5035	
460-86148-5	SB-87(2-3)	T	Solid	5035	
460-86148-6	SB-87(5-6)	T	Solid	5035	
460-86148-7	SB-88(5-6)	T	Solid	5035	
460-86148-9	SB-89(5-6)	T	Solid	5035	
460-86148-11	SB-90(1-2)	T	Solid	5035	
460-86148-12	SB-90(4-5)	T	Solid	5035	
460-86148-13	SB-90(6-7)	T	Solid	5035	
Analysis Batch:460-262952					
LCS 460-262952/3	Lab Control Sample	T	Solid	8260	
LCSD 460-262952/4	Lab Control Sample Duplicate	T	Solid	8260	
MB 460-262952/6	Method Blank	T	Solid	8260	
460-86148-8	SB-88(6.5-7.5)	T	Solid	8260	460-262570
Analysis Batch:460-263020					
LCS 460-263020/3	Lab Control Sample	T	Solid	8260	
LCSD 460-263020/4	Lab Control Sample Duplicate	T	Solid	8260	
MB 460-263020/6	Method Blank	T	Solid	8260	
460-86148-10	SB-89(6-7)	T	Solid	8260	460-262570
Analysis Batch:460-263208					
LCS 460-263208/3	Lab Control Sample	T	Water	8260	
LCSD 460-263208/4	Lab Control Sample Duplicate	T	Water	8260	
MB 460-263208/6	Method Blank	T	Water	8260	
460-86148-1TB	TB-111214	T	Water	8260	
Prep Batch: 460-263281					
LB 460-263281/1-A	TCLP SPLPE Leachate Blank	F	Solid	1312	
460-86148-8	SB-88(6.5-7.5)	F	Solid	1312	

Client: Weston Solutions, Inc. Job Number: 460-86148-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Analysis Batch:460-264604					
LCS 460-264604/3	Lab Control Sample	T	Solid	8260	
LCSD 460-264604/4	Lab Control Sample Duplicate	T	Solid	8260	
MB 460-264604/6	Method Blank	T	Solid	8260	
460-86148-2	SB-85(1-2)	T	Solid	8260	460-262571
460-86148-3	SB-86(4-5)	T	Solid	8260	460-262571
460-86148-4	SB-86(6-7)	T	Solid	8260	460-262571
460-86148-5	SB-87(2-3)	T	Solid	8260	460-262571
460-86148-6	SB-87(5-6)	T	Solid	8260	460-262571
460-86148-7	SB-88(5-6)	T	Solid	8260	460-262571
460-86148-9	SB-89(5-6)	T	Solid	8260	460-262571
460-86148-11	SB-90(1-2)	T	Solid	8260	460-262571
460-86148-12	SB-90(4-5)	T	Solid	8260	460-262571
460-86148-13	SB-90(6-7)	T	Solid	8260	460-262571
Analysis Batch:460-264721					
LB 460-263281/1-A	TCLP SPLPE Leachate Blank	F	Solid	8260	
LCS 460-264721/4	Lab Control Sample	T	Water	8260	
LCSD 460-264721/5	Lab Control Sample Duplicate	T	Water	8260	
MB 460-264721/7	Method Blank	T	Water	8260	
460-86148-8	SB-88(6.5-7.5)	F	Solid	8260	

Report Basis
F = SPLP
T = Total

Client: Weston Solutions, Inc. Job Number: 460-86148-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-263045					
LCS 460-263045/2-A	Lab Control Sample	T	Solid	3546	
MB 460-263045/1-A	Method Blank	T	Solid	3546	
460-86148-2	SB-85(1-2)	T	Solid	3546	
460-86148-3	SB-86(4-5)	T	Solid	3546	
460-86148-4	SB-86(6-7)	T	Solid	3546	
460-86148-5	SB-87(2-3)	T	Solid	3546	
460-86148-6	SB-87(5-6)	T	Solid	3546	
460-86148-7	SB-88(5-6)	T	Solid	3546	
460-86148-8	SB-88(6.5-7.5)	T	Solid	3546	
460-86148-9	SB-89(5-6)	T	Solid	3546	
460-86148-10	SB-89(6-7)	T	Solid	3546	
460-86148-11	SB-90(1-2)	T	Solid	3546	
460-86148-11MS	Matrix Spike	T	Solid	3546	
460-86148-11MSD	Matrix Spike Duplicate	T	Solid	3546	
460-86148-12	SB-90(4-5)	T	Solid	3546	
460-86148-13	SB-90(6-7)	T	Solid	3546	
Prep Batch: 460-263633					
LB 460-263633/1-B	TCLP SPLPE Leachate Blank	E	Solid	1312	
460-86148-2	SB-85(1-2)	E	Solid	1312	
460-86148-3	SB-86(4-5)	E	Solid	1312	
460-86148-4	SB-86(6-7)	E	Solid	1312	
460-86148-5	SB-87(2-3)	E	Solid	1312	
460-86148-6	SB-87(5-6)	E	Solid	1312	
460-86148-7	SB-88(5-6)	E	Solid	1312	
460-86148-8	SB-88(6.5-7.5)	E	Solid	1312	
460-86148-9	SB-89(5-6)	E	Solid	1312	
460-86148-10	SB-89(6-7)	E	Solid	1312	
460-86148-11	SB-90(1-2)	E	Solid	1312	
460-86148-12	SB-90(4-5)	E	Solid	1312	
460-86148-13	SB-90(6-7)	E	Solid	1312	

Client: Weston Solutions, Inc. Job Number: 460-86148-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-263897					
LCS 460-263897/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-263897/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-263897/1-A	Method Blank	T	Water	3510C	
LB 460-263633/1-B	TCLP SPLPE Leachate Blank	E	Solid	3510C	460-263633
460-86148-2	SB-85(1-2)	E	Solid	3510C	460-263633
460-86148-3	SB-86(4-5)	E	Solid	3510C	460-263633
460-86148-4	SB-86(6-7)	E	Solid	3510C	460-263633
460-86148-5	SB-87(2-3)	E	Solid	3510C	460-263633
460-86148-6	SB-87(5-6)	E	Solid	3510C	460-263633
460-86148-7	SB-88(5-6)	E	Solid	3510C	460-263633
460-86148-8	SB-88(6.5-7.5)	E	Solid	3510C	460-263633
460-86148-9	SB-89(5-6)	E	Solid	3510C	460-263633
460-86148-10	SB-89(6-7)	E	Solid	3510C	460-263633
460-86148-11	SB-90(1-2)	E	Solid	3510C	460-263633
460-86148-12	SB-90(4-5)	E	Solid	3510C	460-263633
460-86148-13	SB-90(6-7)	E	Solid	3510C	460-263633
Analysis Batch:460-264785					
LCS 460-263045/2-A	Lab Control Sample	T	Solid	8270	460-263045
MB 460-263045/1-A	Method Blank	T	Solid	8270	460-263045
460-86148-3	SB-86(4-5)	T	Solid	8270	460-263045
460-86148-4	SB-86(6-7)	T	Solid	8270	460-263045
460-86148-5	SB-87(2-3)	T	Solid	8270	460-263045
460-86148-6	SB-87(5-6)	T	Solid	8270	460-263045
460-86148-7	SB-88(5-6)	T	Solid	8270	460-263045
460-86148-8	SB-88(6.5-7.5)	T	Solid	8270	460-263045
460-86148-9	SB-89(5-6)	T	Solid	8270	460-263045
460-86148-10	SB-89(6-7)	T	Solid	8270	460-263045
460-86148-11	SB-90(1-2)	T	Solid	8270	460-263045
460-86148-11MS	Matrix Spike	T	Solid	8270	460-263045
460-86148-11MSD	Matrix Spike Duplicate	T	Solid	8270	460-263045
460-86148-12	SB-90(4-5)	T	Solid	8270	460-263045
460-86148-13	SB-90(6-7)	T	Solid	8270	460-263045

Client: Weston Solutions, Inc. Job Number: 460-86148-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:460-264937					
LB 460-263633/1-B	TCLP SPLPE Leachate Blank	E	Solid	8270	460-263897
460-86148-2	SB-85(1-2)	E	Solid	8270	460-263897
460-86148-3	SB-86(4-5)	E	Solid	8270	460-263897
460-86148-4	SB-86(6-7)	E	Solid	8270	460-263897
460-86148-5	SB-87(2-3)	E	Solid	8270	460-263897
460-86148-6	SB-87(5-6)	E	Solid	8270	460-263897
460-86148-7	SB-88(5-6)	E	Solid	8270	460-263897
460-86148-8	SB-88(6.5-7.5)	E	Solid	8270	460-263897
460-86148-9	SB-89(5-6)	E	Solid	8270	460-263897
460-86148-10	SB-89(6-7)	E	Solid	8270	460-263897
460-86148-11	SB-90(1-2)	E	Solid	8270	460-263897
460-86148-12	SB-90(4-5)	E	Solid	8270	460-263897
460-86148-13	SB-90(6-7)	E	Solid	8270	460-263897
Analysis Batch:460-265064					
460-86148-2	SB-85(1-2)	T	Solid	8270	460-263045
Analysis Batch:460-265145					
MB 460-263897/1-A	Method Blank	T	Water	8270	460-263897
Analysis Batch:460-266224					
LCS 460-263897/2-A	Lab Control Sample	T	Water	8270	460-263897
LCSD 460-263897/3-A	Lab Control Sample Duplicate	T	Water	8270	460-263897

Report Basis

E = SPLP East

T = Total

Client: Weston Solutions, Inc. Job Number: 460-86148-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-262853					
LCS 460-262853/2-A	Lab Control Sample	T	Solid	3546	
LCSD 460-262853/3-A	Lab Control Sample Duplicate	T	Solid	3546	
MB 460-262853/1-A	Method Blank	T	Solid	3546	
460-86148-2	SB-85(1-2)	T	Solid	3546	
460-86148-3	SB-86(4-5)	T	Solid	3546	
460-86148-3MS	Matrix Spike	T	Solid	3546	
460-86148-3MSD	Matrix Spike Duplicate	T	Solid	3546	
460-86148-4	SB-86(6-7)	T	Solid	3546	
460-86148-5	SB-87(2-3)	T	Solid	3546	
460-86148-6	SB-87(5-6)	T	Solid	3546	
460-86148-7	SB-88(5-6)	T	Solid	3546	
460-86148-8	SB-88(6.5-7.5)	T	Solid	3546	
460-86148-9	SB-89(5-6)	T	Solid	3546	
460-86148-10	SB-89(6-7)	T	Solid	3546	
460-86148-11	SB-90(1-2)	T	Solid	3546	
460-86148-12	SB-90(4-5)	T	Solid	3546	
460-86148-13	SB-90(6-7)	T	Solid	3546	
Analysis Batch:460-263532					
LCS 460-262853/2-A	Lab Control Sample	T	Solid	CT ETPH	460-262853
LCSD 460-262853/3-A	Lab Control Sample Duplicate	T	Solid	CT ETPH	460-262853
MB 460-262853/1-A	Method Blank	T	Solid	CT ETPH	460-262853
460-86148-3	SB-86(4-5)	T	Solid	CT ETPH	460-262853
460-86148-3MS	Matrix Spike	T	Solid	CT ETPH	460-262853
460-86148-3MSD	Matrix Spike Duplicate	T	Solid	CT ETPH	460-262853
460-86148-4	SB-86(6-7)	T	Solid	CT ETPH	460-262853
460-86148-5	SB-87(2-3)	T	Solid	CT ETPH	460-262853
460-86148-6	SB-87(5-6)	T	Solid	CT ETPH	460-262853
460-86148-7	SB-88(5-6)	T	Solid	CT ETPH	460-262853
460-86148-9	SB-89(5-6)	T	Solid	CT ETPH	460-262853
460-86148-10	SB-89(6-7)	T	Solid	CT ETPH	460-262853
460-86148-11	SB-90(1-2)	T	Solid	CT ETPH	460-262853
460-86148-12	SB-90(4-5)	T	Solid	CT ETPH	460-262853
460-86148-13	SB-90(6-7)	T	Solid	CT ETPH	460-262853
Analysis Batch:460-263789					
460-86148-2	SB-85(1-2)	T	Solid	CT ETPH	460-262853
460-86148-8	SB-88(6.5-7.5)	T	Solid	CT ETPH	460-262853

Report Basis

T = Total

Client: Weston Solutions, Inc. Job Number: 460-86148-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-263212					
460-86148-2	SB-85(1-2)	T	Solid	Moisture	
460-86148-3	SB-86(4-5)	T	Solid	Moisture	
460-86148-4	SB-86(6-7)	T	Solid	Moisture	
460-86148-4DU	Duplicate	T	Solid	Moisture	
Analysis Batch:460-263229					
460-86148-5	SB-87(2-3)	T	Solid	Moisture	
460-86148-6	SB-87(5-6)	T	Solid	Moisture	
460-86148-7	SB-88(5-6)	T	Solid	Moisture	
460-86148-8	SB-88(6.5-7.5)	T	Solid	Moisture	
460-86148-9	SB-89(5-6)	T	Solid	Moisture	
460-86148-10	SB-89(6-7)	T	Solid	Moisture	
460-86148-11	SB-90(1-2)	T	Solid	Moisture	
460-86148-12	SB-90(4-5)	T	Solid	Moisture	
460-86148-13	SB-90(6-7)	T	Solid	Moisture	

Report Basis
T = Total

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate Recovery Report

8260 Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
460-86148-2	SB-85(1-2)	116	101	92	106
460-86148-3	SB-86(4-5)	112	96	102	110
460-86148-4	SB-86(6-7)	120	102	104	118
460-86148-5	SB-87(2-3)	122	99	105	116
460-86148-6	SB-87(5-6)	112	96	102	110
460-86148-7	SB-88(5-6)	116	99	100	108
460-86148-9	SB-89(5-6)	113	99	99	107
460-86148-11	SB-90(1-2)	122	101	107	116
460-86148-12	SB-90(4-5)	121	99	99	110
460-86148-13	SB-90(6-7)	128	106	106	121
MB 460-264604/6		122	99	106	114
LCS 460-264604/3		105	98	98	104
LCSD 460-264604/4		101	94	97	102

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane (Surr)	70-130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate Recovery Report

8260 Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
460-86148-8	SB-88(6.5-7.5)	94	100	101	93
460-86148-10	SB-89(6-7)	93	96	96	93
MB 460-262952/6		92	99	93	95
MB 460-263020/6		92	96	93	93
LCS 460-262952/3		95	102	98	100
LCS 460-263020/3		94	100	99	100
LCSD 460-262952/4		110	112	114	114
LCSD 460-263020/4		103	110	110	108

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane (Surr)	70-130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate Recovery Report

8260 Volatile Organic Compounds (GC/MS)

Client Matrix: Solid SPLP

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
460-86148-8	SB-88(6.5-7.5)	78	77	85	78
MB 460-264721/7		89	91	96	91
LB 460-263281/1-A		89	89	92	89
LCS 460-264721/4		91	93	99	91
LCSD 460-264721/5		90	94	100	90

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane (Surr)	70-130

Client: Weston Solutions, Inc.

Job Number: 460-86148-1

Surrogate Recovery Report

8260 Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec	DBFM %Rec
460-86148-1	TB-111214	80	79	80	82
MB 460-263208/6		97	96	96	95
LCS 460-263208/3		92	93	96	92
LCSD 460-263208/4		95	96	97	94

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-130
TOL = Toluene-d8 (Surr)	70-130
BFB = 4-Bromofluorobenzene	70-130
DBFM = Dibromofluoromethane (Surr)	70-130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate Recovery Report

8270 Semivolatile Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec	2FP %Rec	FBP %Rec
460-86148-2	SB-85(1-2)	49	41	43	38	42	53
460-86148-3	SB-86(4-5)	56	54	70	50	53	54
460-86148-4	SB-86(6-7)	53	49	67	46	48	54
460-86148-5	SB-87(2-3)	58	56	74	50	55	58
460-86148-6	SB-87(5-6)	60	57	73	48	56	56
460-86148-7	SB-88(5-6)	61	56	71	48	54	61
460-86148-8	SB-88(6.5-7.5)	53	47	59	31	46	60
460-86148-9	SB-89(5-6)	52	47	65	38	45	53
460-86148-10	SB-89(6-7)	54	50	61	49	50	61
460-86148-11	SB-90(1-2)	59	53	67	45	51	60
460-86148-12	SB-90(4-5)	55	49	59	32	48	58
460-86148-13	SB-90(6-7)	56	49	59	33	48	56
MB 460-263045/1-A		76	76	88	84	72	66
LCS 460-263045/2-A		76	75	98	89	74	79
460-86148-11 MS	SB-90(1-2) MS	51	48	62	52	46	54
460-86148-11 MSD	SB-90(1-2) MSD	51	46	60	51	45	54

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5 (Surr)	30-130
PHL = Phenol-d5 (Surr)	30-130
TPH = Terphenyl-d14 (Surr)	30-130
TBP = 2,4,6-Tribromophenol (Surr)	30-130
2FP = 2-Fluorophenol (Surr)	30-130
FBP = 2-Fluorobiphenyl	30-130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate Recovery Report

8270 Semivolatile Compounds (GC/MS)

Client Matrix: Solid SPLP East

Lab Sample ID	Client Sample ID	NBZ %Rec	PHL %Rec	TPH %Rec	TBP %Rec	2FP %Rec	FBP %Rec
460-86148-2	SB-85(1-2)	62	21	57	50	32	54
460-86148-3	SB-86(4-5)	69	21	65	58	31	56
460-86148-4	SB-86(6-7)	67	22	64	55	36	60
460-86148-5	SB-87(2-3)	104	45	121	96	66	103
460-86148-6	SB-87(5-6)	104	35	117	106	58	104
460-86148-7	SB-88(5-6)	107	32	125	108	56	104
460-86148-8	SB-88(6.5-7.5)	105	36	121	101	55	104
460-86148-9	SB-89(5-6)	113	36	126	109	59	107
460-86148-10	SB-89(6-7)	106	39	120	104	62	111
460-86148-11	SB-90(1-2)	109	36	114	98	60	104
460-86148-12	SB-90(4-5)	107	37	118	101	60	104
460-86148-13	SB-90(6-7)	109	36	116	98	57	97
MB 460-263897/1-A		73	25	76	70	36	63
LB 460-263633/1-B		111	37	126	98	59	103
LCS 460-263897/2-A		79	25	79	79	43	74
LCSD 460-263897/3-A		78	27	86	102	44	78

Surrogate	Acceptance Limits
NBZ = Nitrobenzene-d5 (Surr)	30-130
PHL = Phenol-d5 (Surr)	15-110
TPH = Terphenyl-d14 (Surr)	30-130
TBP = 2,4,6-Tribromophenol (Surr)	15-110
2FP = 2-Fluorophenol (Surr)	15-110
FBP = 2-Fluorobiphenyl	30-130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate Recovery Report

CT ETPH Connecticut - Extractable Total petroleum Hydrocarbons (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	OTPH %Rec
460-86148-2	SB-85(1-2)	118
460-86148-3	SB-86(4-5)	85
460-86148-4	SB-86(6-7)	88
460-86148-5	SB-87(2-3)	84
460-86148-6	SB-87(5-6)	89
460-86148-7	SB-88(5-6)	88
460-86148-8	SB-88(6.5-7.5)	99
460-86148-9	SB-89(5-6)	97
460-86148-10	SB-89(6-7)	87
460-86148-11	SB-90(1-2)	84
460-86148-12	SB-90(4-5)	93
460-86148-13	SB-90(6-7)	91
MB 460-262853/1-A		96
LCS 460-262853/2-A		97
LCSD 460-262853/3-A		93
460-86148-3 MS	SB-86(4-5) MS	86
460-86148-3 MSD	SB-86(4-5) MSD	87

Surrogate	Acceptance Limits
OTPH = o-Terphenyl	50-150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-262952 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-262952/6	Analysis Batch:	460-262952	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76038.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2014 0835	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acrylonitrile	50	U	50	50
1,2-Dibromo-3-Chloropropane	25	U	25	25
1,2-Dichlorobenzene	25	U	25	25
Benzene	25	U	25	25
1,3-Dichlorobenzene	25	U	25	25
Bromobenzene	25	U	25	25
Bromoform	25	U	25	25
1,4-Dichlorobenzene	25	U	25	25
Bromomethane	25	U	25	25
Carbon disulfide	25	U	25	25
1,1-Dichloroethane	25	U	25	25
Carbon tetrachloride	25	U	25	25
Chlorobenzene	25	U	25	25
1,1-Dichloroethene	25	U	25	25
Chlorodibromomethane	25	U	25	25
Chloroethane	25	U	25	25
1,2-Dichloropropane	25	U	25	25
1,3-Dichloropropane	25	U	25	25
2,2-Dichloropropane	25	U	25	25
1,1-Dichloropropene	25	U	25	25
n-Butylbenzene	25	U	25	25
Hexachlorobutadiene	25	U	25	25
sec-Butylbenzene	25	U	25	25
Isopropylbenzene	25	U	25	25
tert-Butylbenzene	25	U	25	25
Methylene Chloride	25	U	25	25
Methyl tert-butyl ether	25	U	25	25
Naphthalene	50	U	50	50
N-Propylbenzene	25	U	25	25
Styrene	25	U	25	25
trans-1,2-Dichloroethene	25	U	25	25
trans-1,3-Dichloropropene	25	U	25	25
1,1,1,2-Tetrachloroethane	25	U	25	25
trans-1,4-Dichloro-2-butene	25	U	25	25
1,1,2,2-Tetrachloroethane	25	U	25	25
Toluene	25	U	25	25
Tetrachloroethene	25	U	25	25
Tetrahydrofuran	25	U	25	25
1,2,3-Trichlorobenzene	50	U	50	50
1,2,4-Trichlorobenzene	25	U	25	25
1,1,1-Trichloroethane	25	U	25	25
2-Butanone (MEK)	50	U	50	50
Chloroform	25	U	25	25
1,1,2-Trichloroethane	25	U	25	25
1,2-Dichloroethane	25	U	25	25

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-262952 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-262952/6	Analysis Batch:	460-262952	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76038.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2014 0835	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Trichloroethene	25	U	25	25
2-Hexanone	50	U	50	50
Trichlorofluoromethane	25	U	25	25
1,2,3-Trichloropropane	25	U	25	25
4-Methyl-2-pentanone (MIBK)	50	U	50	50
Acetone	130	U	130	130
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	25	25
Dichlorobromomethane	25	U	25	25
1,2,4-Trimethylbenzene	25	U	25	25
1,3,5-Trimethylbenzene	25	U	25	25
Chloromethane	25	U	25	25
Vinyl chloride	25	U	25	25
cis-1,2-Dichloroethene	25	U	25	25
cis-1,3-Dichloropropene	25	U	25	25
o-Xylene	25	U	25	25
Ethylbenzene	25	U	25	25
Xylenes, Total	50	U	50	50
m-Xylene & p-Xylene	25	U	25	25
2-Chlorotoluene	25	U	25	25
4-Chlorotoluene	25	U	25	25
Ethylene Dibromide	25	U	25	25
Dibromomethane	25	U	25	25
Dichlorodifluoromethane	25	U	25	25
4-Isopropyltoluene	25	U	25	25

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 130
Toluene-d8 (Surr)	99	70 - 130
4-Bromofluorobenzene	93	70 - 130
Dibromofluoromethane (Surr)	95	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-262952

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-262952/3	Analysis Batch:	460-262952	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76035.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2014 0716	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-262952/4	Analysis Batch:	460-262952	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76036.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2014 0747	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	64	96	70 - 130	40	30	*	*
Acrylonitrile	88	106	70 - 130	19	30		
1,2-Dichlorobenzene	85	101	70 - 130	17	30		
Benzene	86	94	70 - 130	9	30		
1,3-Dichlorobenzene	91	104	70 - 130	13	30		
Bromobenzene	89	101	70 - 130	13	30		
1,4-Dichlorobenzene	86	98	70 - 130	13	30		
Bromoform	81	92	70 - 130	14	30		
Bromomethane	94	109	70 - 130	14	30		
1,1-Dichloroethane	85	101	70 - 130	16	30		
Carbon disulfide	76	92	70 - 130	19	30		
Carbon tetrachloride	82	96	70 - 130	16	30		
1,1-Dichloroethene	78	96	70 - 130	20	30		
Chlorobenzene	89	98	70 - 130	9	30		
Chlorodibromomethane	90	99	70 - 130	10	30		
Chloroethane	102	123	70 - 130	19	30		
1,2-Dichloropropane	90	100	70 - 130	11	30		
1,3-Dichloropropane	88	102	70 - 130	14	30		
2,2-Dichloropropane	85	100	70 - 130	16	30		
1,1-Dichloropropene	83	97	70 - 130	15	30		
n-Butylbenzene	95	108	70 - 130	13	30		
Hexachlorobutadiene	81	92	70 - 130	14	30		
sec-Butylbenzene	94	106	70 - 130	13	30		
Isopropylbenzene	92	103	70 - 130	12	30		
Methylene Chloride	83	99	70 - 130	17	30		
tert-Butylbenzene	93	105	70 - 130	12	30		
Methyl tert-butyl ether	84	100	70 - 130	18	30		
Naphthalene	79	94	70 - 130	16	30		
N-Propylbenzene	90	103	70 - 130	14	30		
Styrene	91	105	70 - 130	14	30		
trans-1,2-Dichloroethene	81	95	70 - 130	16	30		
1,1,1,2-Tetrachloroethane	86	97	70 - 130	11	30		
trans-1,3-Dichloropropene	93	100	70 - 130	7	30		
1,1,2,2-Tetrachloroethane	88	103	70 - 130	16	30		
trans-1,4-Dichloro-2-butene	80	89	70 - 130	11	30		
Toluene	90	100	70 - 130	10	30		

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-262952

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-262952/3	Analysis Batch:	460-262952	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76035.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2014 0716	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-262952/4	Analysis Batch:	460-262952	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76036.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2014 0747	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	88	99	70 - 130	11	30		
Tetrahydrofuran	95	94	70 - 130	2	30		
1,2,3-Trichlorobenzene	92	113	70 - 130	21	30		
1,2,4-Trichlorobenzene	68	84	70 - 130	21	30	*	
1,1,1-Trichloroethane	84	99	70 - 130	16	30		
2-Butanone (MEK)	105	115	70 - 130	8	30		
1,1,2-Trichloroethane	91	99	70 - 130	8	30		
Chloroform	85	102	70 - 130	17	30		
1,2-Dichloroethane	86	97	70 - 130	13	30		
Trichloroethene	87	101	70 - 130	15	30		
2-Hexanone	99	113	70 - 130	13	30		
Trichlorofluoromethane	97	115	70 - 130	17	30		
1,2,3-Trichloropropane	87	98	70 - 130	12	30		
4-Methyl-2-pentanone (MIBK)	100	115	70 - 130	14	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	87	102	70 - 130	15	30		
Acetone	105	118	70 - 130	11	30		
1,2,4-Trimethylbenzene	93	107	70 - 130	13	30		
Dichlorobromomethane	85	97	70 - 130	13	30		
1,3,5-Trimethylbenzene	93	105	70 - 130	13	30		
Chloromethane	98	118	70 - 130	18	30		
cis-1,2-Dichloroethene	81	99	70 - 130	20	30		
Vinyl chloride	89	105	70 - 130	17	30		
cis-1,3-Dichloropropene	91	103	70 - 130	13	30		
Ethylbenzene	88	98	70 - 130	10	30		
o-Xylene	89	103	70 - 130	15	30		
m-Xylene & p-Xylene	90	104	70 - 130	14	30		
Xylenes, Total	89	103	70 - 130	15	30		
2-Chlorotoluene	92	105	70 - 130	13	30		
4-Chlorotoluene	98	110	70 - 130	11	30		
Ethylene Dibromide	89	102	70 - 130	14	30		
Dibromomethane	89	98	70 - 130	10	30		
Dichlorodifluoromethane	94	112	70 - 130	18	30		
4-Isopropyltoluene	93	107	70 - 130	13	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	110	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	102	112	70 - 130
4-Bromofluorobenzene	98	114	70 - 130
Dibromofluoromethane (Surr)	100	114	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-262952

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-262952/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-262952/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	11/15/2014 0716			Analysis Date:	11/15/2014 0747
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dibromo-3-Chloropropane	1000	1000	642 *	960 *
Acrylonitrile	10000	10000	8830	10600
1,2-Dichlorobenzene	1000	1000	851	1010
Benzene	1000	1000	857	942
1,3-Dichlorobenzene	1000	1000	907	1040
Bromobenzene	1000	1000	891	1010
1,4-Dichlorobenzene	1000	1000	861	978
Bromoform	1000	1000	806	923
Bromomethane	1000	1000	939	1090
1,1-Dichloroethane	1000	1000	855	1010
Carbon disulfide	1000	1000	763	923
Carbon tetrachloride	1000	1000	822	964
1,1-Dichloroethene	1000	1000	783	961
Chlorobenzene	1000	1000	891	979
Chlorodibromomethane	1000	1000	899	990
Chloroethane	1000	1000	1020	1230
1,2-Dichloropropane	1000	1000	900	999
1,3-Dichloropropane	1000	1000	882	1020
2,2-Dichloropropane	1000	1000	849	995
1,1-Dichloropropene	1000	1000	835	966
n-Butylbenzene	1000	1000	949	1080
Hexachlorobutadiene	1000	1000	805	925
sec-Butylbenzene	1000	1000	935	1060
Isopropylbenzene	1000	1000	916	1030
Methylene Chloride	1000	1000	827	986
tert-Butylbenzene	1000	1000	927	1050
Methyl tert-butyl ether	1000	1000	839	1000
Naphthalene	1000	1000	794	936
N-Propylbenzene	1000	1000	896	1030
Styrene	1000	1000	909	1050
trans-1,2-Dichloroethene	1000	1000	812	950
1,1,1,2-Tetrachloroethane	1000	1000	864	968
trans-1,3-Dichloropropene	1000	1000	932	1000
1,1,2,2-Tetrachloroethane	1000	1000	884	1030
trans-1,4-Dichloro-2-butene	1000	1000	796	891
Toluene	1000	1000	899	996
Tetrachloroethene	1000	1000	880	988
Tetrahydrofuran	2000	2000	1900	1870
1,2,3-Trichlorobenzene	1000	1000	917	1130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-262952

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-262952/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-262952/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	11/15/2014 0716			Analysis Date:	11/15/2014 0747
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	1000	1000	678 *	839
1,1,1-Trichloroethane	1000	1000	839	986
2-Butanone (MEK)	5000	5000	5270	5730
1,1,2-Trichloroethane	1000	1000	912	991
Chloroform	1000	1000	855	1020
1,2-Dichloroethane	1000	1000	856	971
Trichloroethene	1000	1000	869	1010
2-Hexanone	5000	5000	4950	5650
Trichlorofluoromethane	1000	1000	966	1150
1,2,3-Trichloropropane	1000	1000	868	983
4-Methyl-2-pentanone (MIBK)	5000	5000	5020	5760
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	1000	874	1020
Acetone	5000	5000	5240	5880
1,2,4-Trimethylbenzene	1000	1000	932	1070
Dichlorobromomethane	1000	1000	855	970
1,3,5-Trimethylbenzene	1000	1000	928	1050
Chloromethane	1000	1000	983	1180
cis-1,2-Dichloroethene	1000	1000	811	987
Vinyl chloride	1000	1000	885	1050
cis-1,3-Dichloropropene	1000	1000	907	1030
Ethylbenzene	1000	1000	880	977
o-Xylene	1000	1000	888	1030
m-Xylene & p-Xylene	1000	1000	901	1040
Xylenes, Total	2000	2000	1790	2070
2-Chlorotoluene	1000	1000	919	1050
4-Chlorotoluene	1000	1000	978	1100
Ethylene Dibromide	1000	1000	890	1020
Dibromomethane	1000	1000	893	984
Dichlorodifluoromethane	1000	1000	941	1120
4-Isopropyltoluene	1000	1000	935	1070

Method Blank - Batch: 460-263020 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-263020/6	Analysis Batch:	460-263020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76064.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/16/2014 0816	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acrylonitrile	50	U	50	50
1,2-Dibromo-3-Chloropropane	25	U	25	25
1,2-Dichlorobenzene	25	U	25	25
Benzene	25	U	25	25
1,3-Dichlorobenzene	25	U	25	25
Bromobenzene	25	U	25	25
Bromoform	25	U	25	25
1,4-Dichlorobenzene	25	U	25	25
Bromomethane	25	U	25	25
Carbon disulfide	25	U	25	25
1,1-Dichloroethane	25	U	25	25
Carbon tetrachloride	25	U	25	25
Chlorobenzene	25	U	25	25
1,1-Dichloroethene	25	U	25	25
Chlorodibromomethane	25	U	25	25
Chloroethane	25	U	25	25
1,2-Dichloropropane	25	U	25	25
1,3-Dichloropropane	25	U	25	25
2,2-Dichloropropane	25	U	25	25
1,1-Dichloropropene	25	U	25	25
n-Butylbenzene	25	U	25	25
Hexachlorobutadiene	25	U	25	25
sec-Butylbenzene	25	U	25	25
Isopropylbenzene	25	U	25	25
tert-Butylbenzene	25	U	25	25
Methylene Chloride	25	U	25	25
Methyl tert-butyl ether	25	U	25	25
Naphthalene	50	U	50	50
N-Propylbenzene	25	U	25	25
Styrene	25	U	25	25
trans-1,2-Dichloroethene	25	U	25	25
trans-1,3-Dichloropropene	25	U	25	25
1,1,1,2-Tetrachloroethane	25	U	25	25
trans-1,4-Dichloro-2-butene	25	U	25	25
1,1,2,2-Tetrachloroethane	25	U	25	25
Toluene	25	U	25	25
Tetrachloroethene	25	U	25	25
Tetrahydrofuran	25	U	25	25
1,2,3-Trichlorobenzene	50	U	50	50
1,2,4-Trichlorobenzene	25	U	25	25
1,1,1-Trichloroethane	25	U	25	25
2-Butanone (MEK)	50	U	50	50
Chloroform	25	U	25	25
1,1,2-Trichloroethane	25	U	25	25
1,2-Dichloroethane	25	U	25	25

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-263020 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-263020/6	Analysis Batch:	460-263020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76064.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/16/2014 0816	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Trichloroethene	25	U	25	25
2-Hexanone	50	U	50	50
Trichlorofluoromethane	25	U	25	25
1,2,3-Trichloropropane	25	U	25	25
4-Methyl-2-pentanone (MIBK)	50	U	50	50
Acetone	130	U	130	130
1,1,2-Trichloro-1,2,2-trifluoroethane	25	U	25	25
Dichlorobromomethane	25	U	25	25
1,2,4-Trimethylbenzene	25	U	25	25
1,3,5-Trimethylbenzene	25	U	25	25
Chloromethane	25	U	25	25
Vinyl chloride	25	U	25	25
cis-1,2-Dichloroethene	25	U	25	25
cis-1,3-Dichloropropene	25	U	25	25
o-Xylene	25	U	25	25
Ethylbenzene	25	U	25	25
Xylenes, Total	50	U	50	50
m-Xylene & p-Xylene	25	U	25	25
2-Chlorotoluene	25	U	25	25
4-Chlorotoluene	25	U	25	25
Ethylene Dibromide	25	U	25	25
Dibromomethane	25	U	25	25
Dichlorodifluoromethane	25	U	25	25
4-Isopropyltoluene	25	U	25	25

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	70 - 130
Toluene-d8 (Surr)	96	70 - 130
4-Bromofluorobenzene	93	70 - 130
Dibromofluoromethane (Surr)	93	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-263020

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-263020/3	Analysis Batch:	460-263020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76061.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/16/2014 0704	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-263020/4	Analysis Batch:	460-263020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76062.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/16/2014 0729	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	67	75	70 - 130	10	30	*	
Acrylonitrile	91	97	70 - 130	6	30		
1,2-Dichlorobenzene	89	95	70 - 130	6	30		
Benzene	83	94	70 - 130	11	30		
1,3-Dichlorobenzene	89	97	70 - 130	9	30		
Bromobenzene	90	96	70 - 130	7	30		
1,4-Dichlorobenzene	85	95	70 - 130	11	30		
Bromoform	82	91	70 - 130	10	30		
Bromomethane	98	107	70 - 130	9	30		
1,1-Dichloroethane	87	94	70 - 130	8	30		
Carbon disulfide	80	87	70 - 130	8	30		
Carbon tetrachloride	86	91	70 - 130	6	30		
1,1-Dichloroethene	82	90	70 - 130	10	30		
Chlorobenzene	88	95	70 - 130	8	30		
Chlorodibromomethane	90	96	70 - 130	7	30		
Chloroethane	105	121	70 - 130	15	30		
1,2-Dichloropropane	87	98	70 - 130	12	30		
1,3-Dichloropropane	88	96	70 - 130	9	30		
2,2-Dichloropropane	89	96	70 - 130	7	30		
1,1-Dichloropropene	87	93	70 - 130	7	30		
n-Butylbenzene	96	104	70 - 130	8	30		
Hexachlorobutadiene	86	92	70 - 130	7	30		
sec-Butylbenzene	94	101	70 - 130	7	30		
Isopropylbenzene	90	99	70 - 130	9	30		
Methylene Chloride	85	93	70 - 130	9	30		
tert-Butylbenzene	92	102	70 - 130	10	30		
Methyl tert-butyl ether	87	92	70 - 130	6	30		
Naphthalene	85	89	70 - 130	5	30		
N-Propylbenzene	90	98	70 - 130	8	30		
Styrene	93	102	70 - 130	9	30		
trans-1,2-Dichloroethene	84	92	70 - 130	9	30		
1,1,1,2-Tetrachloroethane	84	92	70 - 130	10	30		
trans-1,3-Dichloropropene	91	98	70 - 130	7	30		
1,1,2,2-Tetrachloroethane	90	97	70 - 130	7	30		
trans-1,4-Dichloro-2-butene	82	89	70 - 130	8	30		
Toluene	89	98	70 - 130	10	30		

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-263020

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-263020/3	Analysis Batch:	460-263020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76061.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/16/2014 0704	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-263020/4	Analysis Batch:	460-263020	Instrument ID:	CVOAMS2
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	B76062.D
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/16/2014 0729	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	88	96	70 - 130	9	30		
Tetrahydrofuran	85	103	70 - 130	20	30		
1,2,3-Trichlorobenzene	98	103	70 - 130	4	30		
1,2,4-Trichlorobenzene	74	74	70 - 130	0	30		
1,1,1-Trichloroethane	87	94	70 - 130	8	30		
2-Butanone (MEK)	98	104	70 - 130	6	30		
1,1,2-Trichloroethane	88	99	70 - 130	12	30		
Chloroform	87	94	70 - 130	8	30		
1,2-Dichloroethane	84	87	70 - 130	3	30		
Trichloroethene	87	96	70 - 130	10	30		
2-Hexanone	101	109	70 - 130	7	30		
Trichlorofluoromethane	105	114	70 - 130	8	30		
1,2,3-Trichloropropane	84	99	70 - 130	16	30		
4-Methyl-2-pentanone (MIBK)	101	110	70 - 130	9	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	93	99	70 - 130	6	30		
Acetone	102	107	70 - 130	5	30		
1,2,4-Trimethylbenzene	93	100	70 - 130	7	30		
Dichlorobromomethane	85	92	70 - 130	7	30		
1,3,5-Trimethylbenzene	93	100	70 - 130	7	30		
Chloromethane	103	111	70 - 130	7	30		
cis-1,2-Dichloroethene	86	95	70 - 130	10	30		
Vinyl chloride	98	104	70 - 130	6	30		
cis-1,3-Dichloropropene	88	97	70 - 130	10	30		
Ethylbenzene	84	94	70 - 130	11	30		
o-Xylene	90	99	70 - 130	9	30		
m-Xylene & p-Xylene	90	101	70 - 130	11	30		
Xylenes, Total	90	100	70 - 130	10	30		
2-Chlorotoluene	92	100	70 - 130	8	30		
4-Chlorotoluene	95	106	70 - 130	10	30		
Ethylene Dibromide	92	100	70 - 130	8	30		
Dibromomethane	90	91	70 - 130	2	30		
Dichlorodifluoromethane	106	112	70 - 130	6	30		
4-Isopropyltoluene	95	104	70 - 130	9	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	103	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	100	110	70 - 130
4-Bromofluorobenzene	99	110	70 - 130
Dibromofluoromethane (Surr)	100	108	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-263020

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-263020/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-263020/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	11/16/2014 0704			Analysis Date:	11/16/2014 0729
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual
1,2-Dibromo-3-Chloropropane	1000	1000	673	*	747
Acrylonitrile	10000	10000	9110		9670
1,2-Dichlorobenzene	1000	1000	894		951
Benzene	1000	1000	835		936
1,3-Dichlorobenzene	1000	1000	886		972
Bromobenzene	1000	1000	900		961
1,4-Dichlorobenzene	1000	1000	850		951
Bromoform	1000	1000	820		907
Bromomethane	1000	1000	977		1070
1,1-Dichloroethane	1000	1000	869		938
Carbon disulfide	1000	1000	801		868
Carbon tetrachloride	1000	1000	859		912
1,1-Dichloroethene	1000	1000	816		898
Chlorobenzene	1000	1000	877		947
Chlorodibromomethane	1000	1000	898		962
Chloroethane	1000	1000	1050		1210
1,2-Dichloropropane	1000	1000	872		980
1,3-Dichloropropane	1000	1000	879		958
2,2-Dichloropropane	1000	1000	893		958
1,1-Dichloropropene	1000	1000	867		931
n-Butylbenzene	1000	1000	959		1040
Hexachlorobutadiene	1000	1000	856		921
sec-Butylbenzene	1000	1000	944		1010
Isopropylbenzene	1000	1000	904		990
Methylene Chloride	1000	1000	853		933
tert-Butylbenzene	1000	1000	922		1020
Methyl tert-butyl ether	1000	1000	869		924
Naphthalene	1000	1000	848		894
N-Propylbenzene	1000	1000	899		976
Styrene	1000	1000	928		1020
trans-1,2-Dichloroethene	1000	1000	839		916
1,1,1,2-Tetrachloroethane	1000	1000	836		922
trans-1,3-Dichloropropene	1000	1000	914		985
1,1,2,2-Tetrachloroethane	1000	1000	900		968
trans-1,4-Dichloro-2-butene	1000	1000	822		894
Toluene	1000	1000	888		977
Tetrachloroethene	1000	1000	882		963
Tetrahydrofuran	2000	2000	1690		2060
1,2,3-Trichlorobenzene	1000	1000	984		1030

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-263020

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-263020/3	Units:	ug/Kg	LCSD Lab Sample ID:	LCSD 460-263020/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	50			Dilution:	50
Analysis Date:	11/16/2014 0704			Analysis Date:	11/16/2014 0729
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	1000	1000	738	741
1,1,1-Trichloroethane	1000	1000	872	943
2-Butanone (MEK)	5000	5000	4880	5180
1,1,2-Trichloroethane	1000	1000	875	988
Chloroform	1000	1000	869	943
1,2-Dichloroethane	1000	1000	844	870
Trichloroethene	1000	1000	868	957
2-Hexanone	5000	5000	5070	5430
Trichlorofluoromethane	1000	1000	1050	1140
1,2,3-Trichloropropane	1000	1000	842	989
4-Methyl-2-pentanone (MIBK)	5000	5000	5030	5480
1,1,2-Trichloro-1,2,2-trifluoroethane	1000	1000	933	986
Acetone	5000	5000	5120	5370
1,2,4-Trimethylbenzene	1000	1000	931	1000
Dichlorobromomethane	1000	1000	855	920
1,3,5-Trimethylbenzene	1000	1000	932	997
Chloromethane	1000	1000	1030	1110
cis-1,2-Dichloroethene	1000	1000	857	946
Vinyl chloride	1000	1000	978	1040
cis-1,3-Dichloropropene	1000	1000	878	969
Ethylbenzene	1000	1000	841	938
o-Xylene	1000	1000	901	986
m-Xylene & p-Xylene	1000	1000	899	1010
Xylenes, Total	2000	2000	1800	1990
2-Chlorotoluene	1000	1000	920	996
4-Chlorotoluene	1000	1000	954	1060
Ethylene Dibromide	1000	1000	915	995
Dibromomethane	1000	1000	895	909
Dichlorodifluoromethane	1000	1000	1060	1120
4-Isopropyltoluene	1000	1000	946	1040

Method Blank - Batch: 460-263208

Method: 8260
Preparation: 5030B

Lab Sample ID:	MB 460-263208/6	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92480.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1002	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1002				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acrylonitrile	2.0	U	2.0	2.0
1,2-Dibromo-3-Chloropropane	0.50	U	0.50	0.50
1,2-Dichlorobenzene	0.50	U	0.50	0.50
Benzene	0.50	U	0.50	0.50
1,3-Dichlorobenzene	0.50	U	0.50	0.50
Bromobenzene	0.50	U	0.50	0.50
Bromoform	0.50	U	0.50	0.50
1,4-Dichlorobenzene	0.50	U	0.50	0.50
Bromomethane	0.50	U	0.50	0.50
Carbon disulfide	0.50	U	0.50	0.50
1,1-Dichloroethane	0.50	U	0.50	0.50
Carbon tetrachloride	0.50	U	0.50	0.50
Chlorobenzene	0.50	U	0.50	0.50
1,1-Dichloroethene	0.50	U	0.50	0.50
Chlorodibromomethane	0.50	U	0.50	0.50
Chloroethane	0.50	U	0.50	0.50
1,2-Dichloropropane	0.50	U	0.50	0.50
1,3-Dichloropropane	0.50	U	0.50	0.50
2,2-Dichloropropane	0.50	U	0.50	0.50
1,1-Dichloropropene	0.50	U	0.50	0.50
n-Butylbenzene	0.50	U	0.50	0.50
Hexachlorobutadiene	0.50	U	0.50	0.50
sec-Butylbenzene	0.50	U	0.50	0.50
Isopropylbenzene	0.50	U	0.50	0.50
tert-Butylbenzene	0.50	U	0.50	0.50
Methylene Chloride	0.50	U	0.50	0.50
Methyl tert-butyl ether	0.50	U	0.50	0.50
Naphthalene	0.50	U	0.50	0.50
N-Propylbenzene	0.50	U	0.50	0.50
Styrene	0.50	U	0.50	0.50
trans-1,2-Dichloroethene	0.50	U	0.50	0.50
trans-1,3-Dichloropropene	0.50	U	0.50	0.50
1,1,1,2-Tetrachloroethane	0.50	U	0.50	0.50
trans-1,4-Dichloro-2-butene	0.50	U	0.50	0.50
1,1,2,2-Tetrachloroethane	0.50	U	0.50	0.50
Toluene	0.50	U	0.50	0.50
Tetrachloroethene	0.50	U	0.50	0.50
Tetrahydrofuran	1.0	U	1.0	1.0
1,2,3-Trichlorobenzene	0.50	U	0.50	0.50
1,2,4-Trichlorobenzene	0.50	U	0.50	0.50
1,1,1-Trichloroethane	0.50	U	0.50	0.50
2-Butanone (MEK)	2.5	U	2.5	2.5
Chloroform	0.50	U	0.50	0.50
1,1,2-Trichloroethane	0.50	U	0.50	0.50
1,2-Dichloroethane	0.50	U	0.50	0.50

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-263208

Method: 8260
Preparation: 5030B

Lab Sample ID:	MB 460-263208/6	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92480.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 1002	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 1002				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Trichloroethene	0.50	U	0.50	0.50
2-Hexanone	2.5	U	2.5	2.5
Trichlorofluoromethane	0.50	U	0.50	0.50
1,2,3-Trichloropropane	0.50	U	0.50	0.50
4-Methyl-2-pentanone (MIBK)	2.5	U	2.5	2.5
Acetone	2.5	U	2.5	2.5
1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U	0.50	0.50
Dichlorobromomethane	0.50	U	0.50	0.50
1,2,4-Trimethylbenzene	0.50	U	0.50	0.50
1,3,5-Trimethylbenzene	0.50	U	0.50	0.50
Chloromethane	0.50	U	0.50	0.50
Vinyl chloride	0.50	U	0.50	0.50
cis-1,2-Dichloroethene	0.50	U	0.50	0.50
cis-1,3-Dichloropropene	0.50	U	0.50	0.50
o-Xylene	0.50	U	0.50	0.50
Ethylbenzene	0.50	U	0.50	0.50
Xylenes, Total	1.5	U	1.5	1.5
m-Xylene & p-Xylene	1.0	U	1.0	1.0
2-Chlorotoluene	0.50	U	0.50	0.50
4-Chlorotoluene	0.50	U	0.50	0.50
Ethylene Dibromide	0.50	U	0.50	0.50
Dibromomethane	0.50	U	0.50	0.50
Dichlorodifluoromethane	0.50	U	0.50	0.50
4-Isopropyltoluene	0.50	U	0.50	0.50

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	70 - 130
Toluene-d8 (Surr)	96	70 - 130
4-Bromofluorobenzene	96	70 - 130
Dibromofluoromethane (Surr)	95	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-263208

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-263208/3	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92477.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 0846	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 0846				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-263208/4	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92478.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 0911	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 0911				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	83	87	70 - 130	4	30		
Acrylonitrile	90	94	70 - 130	5	30		
1,2-Dichlorobenzene	88	84	70 - 130	5	30		
Benzene	86	87	70 - 130	1	30		
1,3-Dichlorobenzene	89	86	70 - 130	3	30		
Bromobenzene	85	85	70 - 130	0	30		
1,4-Dichlorobenzene	83	83	70 - 130	1	30		
Bromoform	83	81	70 - 130	2	30		
Bromomethane	111	107	70 - 130	4	30		
1,1-Dichloroethane	94	92	70 - 130	3	30		
Carbon disulfide	89	87	70 - 130	3	30		
Carbon tetrachloride	97	90	70 - 130	7	30		
1,1-Dichloroethene	91	83	70 - 130	9	30		
Chlorobenzene	85	86	70 - 130	1	30		
Chlorodibromomethane	87	90	70 - 130	3	30		
Chloroethane	95	102	70 - 130	7	30		
1,2-Dichloropropane	94	94	70 - 130	1	30		
1,3-Dichloropropane	90	91	70 - 130	1	30		
2,2-Dichloropropane	98	95	70 - 130	3	30		
1,1-Dichloropropene	91	87	70 - 130	4	30		
n-Butylbenzene	104	98	70 - 130	6	30		
Hexachlorobutadiene	83	77	70 - 130	7	30		
sec-Butylbenzene	103	98	70 - 130	5	30		
Isopropylbenzene	95	95	70 - 130	1	30		
Methylene Chloride	96	82	70 - 130	16	30		
tert-Butylbenzene	97	92	70 - 130	5	30		
Methyl tert-butyl ether	91	92	70 - 130	1	30		
Naphthalene	90	91	70 - 130	2	30		
N-Propylbenzene	95	91	70 - 130	4	30		
Styrene	92	91	70 - 130	1	30		
trans-1,2-Dichloroethene	92	86	70 - 130	6	30		
1,1,1,2-Tetrachloroethane	86	87	70 - 130	1	30		
trans-1,3-Dichloropropene	94	94	70 - 130	0	30		
1,1,2,2-Tetrachloroethane	91	95	70 - 130	4	30		
trans-1,4-Dichloro-2-butene	93	88	70 - 130	6	30		
Toluene	91	90	70 - 130	1	30		

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-263208

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-263208/3	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92477.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 0846	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 0846				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-263208/4	Analysis Batch:	460-263208	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92478.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/17/2014 0911	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/17/2014 0911				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	91	87	70 - 130	4	30		
Tetrahydrofuran	88	87	70 - 130	1	30		
1,2,3-Trichlorobenzene	89	87	70 - 130	2	30		
1,2,4-Trichlorobenzene	88	85	70 - 130	3	30		
1,1,1-Trichloroethane	93	89	70 - 130	4	30		
2-Butanone (MEK)	94	96	70 - 130	2	30		
1,1,2-Trichloroethane	90	89	70 - 130	1	30		
Chloroform	94	92	70 - 130	2	30		
1,2-Dichloroethane	92	91	70 - 130	1	30		
Trichloroethene	88	86	70 - 130	3	30		
2-Hexanone	101	108	70 - 130	6	30		
Trichlorofluoromethane	93	85	70 - 130	9	30		
1,2,3-Trichloropropane	90	90	70 - 130	0	30		
4-Methyl-2-pentanone (MIBK)	103	109	70 - 130	6	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	100	95	70 - 130	5	30		
Acetone	88	87	70 - 130	1	30		
1,2,4-Trimethylbenzene	98	92	70 - 130	6	30		
Dichlorobromomethane	93	91	70 - 130	2	30		
1,3,5-Trimethylbenzene	95	91	70 - 130	4	30		
Chloromethane	89	88	70 - 130	2	30		
cis-1,2-Dichloroethene	90	87	70 - 130	3	30		
Vinyl chloride	102	97	70 - 130	5	30		
cis-1,3-Dichloropropene	89	91	70 - 130	3	30		
Ethylbenzene	92	88	70 - 130	5	30		
o-Xylene	93	91	70 - 130	2	30		
m-Xylene & p-Xylene	89	90	70 - 130	1	30		
Xylenes, Total	91	91	70 - 130	1	30		
2-Chlorotoluene	94	92	70 - 130	2	30		
4-Chlorotoluene	93	92	70 - 130	1	30		
Ethylene Dibromide	86	87	70 - 130	1	30		
Dibromomethane	96	92	70 - 130	4	30		
Dichlorodifluoromethane	83	74	70 - 130	12	30		
4-Isopropyltoluene	99	95	70 - 130	4	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	92	95	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	93	96	70 - 130
4-Bromofluorobenzene	96	97	70 - 130
Dibromofluoromethane (Surr)	92	94	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-263208

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-263208/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-263208/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/17/2014 0846			Analysis Date:	11/17/2014 0911
Prep Date:	11/17/2014 0846			Prep Date:	11/17/2014 0911
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dibromo-3-Chloropropane	20.0	20.0	16.7	17.4
Acrylonitrile	200	200	180	189
1,2-Dichlorobenzene	20.0	20.0	17.7	16.7
Benzene	20.0	20.0	17.2	17.3
1,3-Dichlorobenzene	20.0	20.0	17.8	17.3
Bromobenzene	20.0	20.0	17.1	17.1
1,4-Dichlorobenzene	20.0	20.0	16.6	16.7
Bromoform	20.0	20.0	16.6	16.3
Bromomethane	20.0	20.0	22.3	21.5
1,1-Dichloroethane	20.0	20.0	18.9	18.4
Carbon disulfide	20.0	20.0	17.8	17.4
Carbon tetrachloride	20.0	20.0	19.4	18.1
1,1-Dichloroethene	20.0	20.0	18.2	16.6
Chlorobenzene	20.0	20.0	17.0	17.2
Chlorodibromomethane	20.0	20.0	17.5	18.0
Chloroethane	20.0	20.0	18.9	20.4
1,2-Dichloropropane	20.0	20.0	18.9	18.8
1,3-Dichloropropane	20.0	20.0	18.1	18.3
2,2-Dichloropropane	20.0	20.0	19.6	19.0
1,1-Dichloropropene	20.0	20.0	18.1	17.4
n-Butylbenzene	20.0	20.0	20.8	19.6
Hexachlorobutadiene	20.0	20.0	16.6	15.4
sec-Butylbenzene	20.0	20.0	20.5	19.6
Isopropylbenzene	20.0	20.0	18.9	19.1
Methylene Chloride	20.0	20.0	19.1	16.3
tert-Butylbenzene	20.0	20.0	19.4	18.5
Methyl tert-butyl ether	20.0	20.0	18.1	18.4
Naphthalene	20.0	20.0	17.9	18.2
N-Propylbenzene	20.0	20.0	19.0	18.3
Styrene	20.0	20.0	18.4	18.3
trans-1,2-Dichloroethene	20.0	20.0	18.4	17.2
1,1,1,2-Tetrachloroethane	20.0	20.0	17.3	17.4
trans-1,3-Dichloropropene	20.0	20.0	18.8	18.9
1,1,2,2-Tetrachloroethane	20.0	20.0	18.3	19.0
trans-1,4-Dichloro-2-butene	20.0	20.0	18.6	17.6
Toluene	20.0	20.0	18.2	17.9
Tetrachloroethene	20.0	20.0	18.2	17.4
Tetrahydrofuran	40.0	40.0	35.3	34.9
1,2,3-Trichlorobenzene	20.0	20.0	17.8	17.4

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-263208

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-263208/3	Units: ug/L		LCSD Lab Sample ID:	LCSD 460-263208/4
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/17/2014 0846			Analysis Date:	11/17/2014 0911
Prep Date:	11/17/2014 0846			Prep Date:	11/17/2014 0911
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	17.5	17.0
1,1,1-Trichloroethane	20.0	20.0	18.6	17.9
2-Butanone (MEK)	100	100	94.0	95.9
1,1,2-Trichloroethane	20.0	20.0	18.0	17.8
Chloroform	20.0	20.0	18.8	18.4
1,2-Dichloroethane	20.0	20.0	18.5	18.3
Trichloroethene	20.0	20.0	17.7	17.2
2-Hexanone	100	100	101	108
Trichlorofluoromethane	20.0	20.0	18.6	17.0
1,2,3-Trichloropropane	20.0	20.0	18.0	18.0
4-Methyl-2-pentanone (MIBK)	100	100	103	109
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	20.0	19.0
Acetone	100	100	88.3	87.2
1,2,4-Trimethylbenzene	20.0	20.0	19.6	18.5
Dichlorobromomethane	20.0	20.0	18.7	18.3
1,3,5-Trimethylbenzene	20.0	20.0	19.0	18.3
Chloromethane	20.0	20.0	17.9	17.6
cis-1,2-Dichloroethene	20.0	20.0	18.0	17.4
Vinyl chloride	20.0	20.0	20.3	19.4
cis-1,3-Dichloropropene	20.0	20.0	17.8	18.3
Ethylbenzene	20.0	20.0	18.4	17.5
o-Xylene	20.0	20.0	18.6	18.3
m-Xylene & p-Xylene	20.0	20.0	17.9	18.0
Xylenes, Total	40.0	40.0	36.5	36.3
2-Chlorotoluene	20.0	20.0	18.7	18.3
4-Chlorotoluene	20.0	20.0	18.6	18.4
Ethylene Dibromide	20.0	20.0	17.3	17.4
Dibromomethane	20.0	20.0	19.1	18.4
Dichlorodifluoromethane	20.0	20.0	16.6	14.8
4-Isopropyltoluene	20.0	20.0	19.8	19.0

Method Blank - Batch: 460-264604

Method: 8260
Preparation: N/A

Lab Sample ID:	MB 460-264604/6	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93372.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 1031	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acrylonitrile	50	U	50	50
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	1.0
1,2-Dichlorobenzene	1.0	U	1.0	1.0
Benzene	1.0	U	1.0	1.0
1,3-Dichlorobenzene	1.0	U	1.0	1.0
Bromobenzene	1.0	U	1.0	1.0
Bromoform	1.0	U	1.0	1.0
1,4-Dichlorobenzene	1.0	U	1.0	1.0
Bromomethane	1.0	U	1.0	1.0
Carbon disulfide	1.0	U	1.0	1.0
1,1-Dichloroethane	1.0	U	1.0	1.0
Carbon tetrachloride	1.0	U	1.0	1.0
Chlorobenzene	1.0	U	1.0	1.0
1,1-Dichloroethene	1.0	U	1.0	1.0
Chlorodibromomethane	1.0	U	1.0	1.0
Chloroethane	1.0	U	1.0	1.0
1,2-Dichloropropane	1.0	U	1.0	1.0
1,3-Dichloropropane	1.0	U	1.0	1.0
2,2-Dichloropropane	1.0	U	1.0	1.0
1,1-Dichloropropene	1.0	U	1.0	1.0
n-Butylbenzene	1.0	U	1.0	1.0
Hexachlorobutadiene	1.0	U	1.0	1.0
sec-Butylbenzene	1.0	U	1.0	1.0
Isopropylbenzene	1.0	U	1.0	1.0
tert-Butylbenzene	1.0	U	1.0	1.0
Methylene Chloride	1.0	U	1.0	1.0
Methyl tert-butyl ether	1.0	U	1.0	1.0
Naphthalene	1.0	U	1.0	1.0
N-Propylbenzene	1.0	U	1.0	1.0
Styrene	1.0	U	1.0	1.0
trans-1,2-Dichloroethene	1.0	U	1.0	1.0
trans-1,3-Dichloropropene	1.0	U	1.0	1.0
1,1,1,2-Tetrachloroethane	1.0	U	1.0	1.0
trans-1,4-Dichloro-2-butene	1.0	U	1.0	1.0
1,1,2,2-Tetrachloroethane	1.0	U	1.0	1.0
Toluene	1.0	U	1.0	1.0
Tetrachloroethene	1.0	U	1.0	1.0
Tetrahydrofuran	2.0	U	2.0	2.0
1,2,3-Trichlorobenzene	1.0	U	1.0	1.0
1,2,4-Trichlorobenzene	1.0	U	1.0	1.0
1,1,1-Trichloroethane	1.0	U	1.0	1.0
2-Butanone (MEK)	10	U	10	10
Chloroform	1.0	U	1.0	1.0
1,1,2-Trichloroethane	1.0	U	1.0	1.0
1,2-Dichloroethane	1.0	U	1.0	1.0

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-264604 **Method: 8260**
Preparation: N/A

Lab Sample ID:	MB 460-264604/6	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93372.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 1031	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Trichloroethene	1.0	U	1.0	1.0
2-Hexanone	10	U	10	10
Trichlorofluoromethane	1.0	U	1.0	1.0
1,2,3-Trichloropropane	1.0	U	1.0	1.0
4-Methyl-2-pentanone (MIBK)	10	U	10	10
Acetone	10	U	10	10
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	1.0
Dichlorobromomethane	1.0	U	1.0	1.0
1,2,4-Trimethylbenzene	1.0	U	1.0	1.0
1,3,5-Trimethylbenzene	1.0	U	1.0	1.0
Chloromethane	1.0	U	1.0	1.0
Vinyl chloride	1.0	U	1.0	1.0
cis-1,2-Dichloroethene	1.0	U	1.0	1.0
cis-1,3-Dichloropropene	1.0	U	1.0	1.0
o-Xylene	1.0	U	1.0	1.0
Ethylbenzene	1.0	U	1.0	1.0
Xylenes, Total	2.0	U	2.0	2.0
m-Xylene & p-Xylene	1.0	U	1.0	1.0
2-Chlorotoluene	1.0	U	1.0	1.0
4-Chlorotoluene	1.0	U	1.0	1.0
Ethylene Dibromide	1.0	U	1.0	1.0
Dibromomethane	1.0	U	1.0	1.0
Dichlorodifluoromethane	1.0	U	1.0	1.0
4-Isopropyltoluene	1.0	U	1.0	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	122	70 - 130
Toluene-d8 (Surr)	99	70 - 130
4-Bromofluorobenzene	106	70 - 130
Dibromofluoromethane (Surr)	114	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-264604

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264604/3	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93369.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 0855	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-264604/4	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93370.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 0921	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	76	78	70 - 130	4	30		
Acrylonitrile	90	85	70 - 130	6	30		
1,2-Dichlorobenzene	88	86	70 - 130	2	30		
Benzene	88	86	70 - 130	2	30		
1,3-Dichlorobenzene	89	89	70 - 130	1	30		
Bromobenzene	86	83	70 - 130	3	30		
1,4-Dichlorobenzene	86	86	70 - 130	0	30		
Bromoform	79	80	70 - 130	1	30		
Bromomethane	106	110	70 - 130	4	30		
1,1-Dichloroethane	97	95	70 - 130	2	30		
Carbon disulfide	95	92	70 - 130	3	30		
Carbon tetrachloride	97	95	70 - 130	2	30		
1,1-Dichloroethene	89	89	70 - 130	0	30		
Chlorobenzene	87	87	70 - 130	0	30		
Chlorodibromomethane	86	84	70 - 130	2	30		
Chloroethane	113	113	70 - 130	0	30		
1,2-Dichloropropane	91	91	70 - 130	0	30		
1,3-Dichloropropane	86	85	70 - 130	1	30		
2,2-Dichloropropane	98	98	70 - 130	0	30		
1,1-Dichloropropene	93	91	70 - 130	3	30		
n-Butylbenzene	91	90	70 - 130	1	30		
Hexachlorobutadiene	86	88	70 - 130	3	30		
sec-Butylbenzene	89	88	70 - 130	1	30		
Isopropylbenzene	91	90	70 - 130	1	30		
Methylene Chloride	108	104	70 - 130	4	30		
tert-Butylbenzene	87	86	70 - 130	1	30		
Methyl tert-butyl ether	99	93	70 - 130	6	30		
Naphthalene	82	83	70 - 130	1	30		
N-Propylbenzene	89	89	70 - 130	1	30		
Styrene	88	87	70 - 130	1	30		
trans-1,2-Dichloroethene	95	91	70 - 130	4	30		
1,1,1,2-Tetrachloroethane	90	89	70 - 130	1	30		
trans-1,3-Dichloropropene	90	88	70 - 130	2	30		
1,1,2,2-Tetrachloroethane	81	81	70 - 130	0	30		
trans-1,4-Dichloro-2-butene	79	78	70 - 130	1	30		
Toluene	89	89	70 - 130	1	30		

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-264604

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264604/3	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93369.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 0855	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-264604/4	Analysis Batch:	460-264604	Instrument ID:	CVOAMS12
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	O93370.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/22/2014 0921	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				5 mL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	86	84	70 - 130	2	30		
Tetrahydrofuran	123	127	70 - 130	3	30		
1,2,3-Trichlorobenzene	90	87	70 - 130	4	30		
1,2,4-Trichlorobenzene	89	91	70 - 130	3	30		
1,1,1-Trichloroethane	98	95	70 - 130	3	30		
2-Butanone (MEK)	94	98	70 - 130	4	30		
1,1,2-Trichloroethane	85	81	70 - 130	5	30		
Chloroform	98	95	70 - 130	4	30		
1,2-Dichloroethane	98	94	70 - 130	4	30		
Trichloroethene	93	89	70 - 130	4	30		
2-Hexanone	81	82	70 - 130	1	30		
Trichlorofluoromethane	113	117	70 - 130	3	30		
1,2,3-Trichloropropane	84	82	70 - 130	2	30		
4-Methyl-2-pentanone (MIBK)	84	84	70 - 130	0	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	96	94	70 - 130	2	30		
Acetone	101	101	70 - 130	0	30		
1,2,4-Trimethylbenzene	86	86	70 - 130	1	30		
Dichlorobromomethane	94	92	70 - 130	2	30		
1,3,5-Trimethylbenzene	88	86	70 - 130	2	30		
Chloromethane	97	98	70 - 130	1	30		
cis-1,2-Dichloroethene	96	92	70 - 130	4	30		
Vinyl chloride	108	111	70 - 130	2	30		
cis-1,3-Dichloropropene	85	86	70 - 130	1	30		
Ethylbenzene	88	105	70 - 130	18	30		
o-Xylene	88	86	70 - 130	3	30		
m-Xylene & p-Xylene	88	86	70 - 130	2	30		
Xylenes, Total	88	86	70 - 130	3	30		
2-Chlorotoluene	89	88	70 - 130	1	30		
4-Chlorotoluene	91	90	70 - 130	0	30		
Ethylene Dibromide	85	82	70 - 130	4	30		
Dibromomethane	90	86	70 - 130	6	30		
Dichlorodifluoromethane	111	108	70 - 130	3	30		
4-Isopropyltoluene	88	86	70 - 130	2	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	101	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	98	94	70 - 130
4-Bromofluorobenzene	98	97	70 - 130
Dibromofluoromethane (Surr)	104	102	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-264604

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264604/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-264604/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/22/2014 0855			Analysis Date:	11/22/2014 0921
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2-Dibromo-3-Chloropropane	20.0	20.0	15.1	15.7
Acrylonitrile	200	200	180	169
1,2-Dichlorobenzene	20.0	20.0	17.6	17.2
Benzene	20.0	20.0	17.6	17.3
1,3-Dichlorobenzene	20.0	20.0	17.8	17.7
Bromobenzene	20.0	20.0	17.2	16.7
1,4-Dichlorobenzene	20.0	20.0	17.2	17.2
Bromoform	20.0	20.0	15.8	15.9
Bromomethane	20.0	20.0	21.2	22.0
1,1-Dichloroethane	20.0	20.0	19.4	19.0
Carbon disulfide	20.0	20.0	18.9	18.4
Carbon tetrachloride	20.0	20.0	19.3	19.0
1,1-Dichloroethene	20.0	20.0	17.8	17.8
Chlorobenzene	20.0	20.0	17.3	17.3
Chlorodibromomethane	20.0	20.0	17.2	16.9
Chloroethane	20.0	20.0	22.6	22.5
1,2-Dichloropropane	20.0	20.0	18.1	18.1
1,3-Dichloropropane	20.0	20.0	17.2	17.0
2,2-Dichloropropane	20.0	20.0	19.6	19.6
1,1-Dichloropropene	20.0	20.0	18.7	18.2
n-Butylbenzene	20.0	20.0	18.2	18.0
Hexachlorobutadiene	20.0	20.0	17.1	17.6
sec-Butylbenzene	20.0	20.0	17.8	17.6
Isopropylbenzene	20.0	20.0	18.2	18.1
Methylene Chloride	20.0	20.0	21.5	20.8
tert-Butylbenzene	20.0	20.0	17.3	17.1
Methyl tert-butyl ether	20.0	20.0	19.8	18.7
Naphthalene	20.0	20.0	16.4	16.7
N-Propylbenzene	20.0	20.0	17.9	17.7
Styrene	20.0	20.0	17.6	17.4
trans-1,2-Dichloroethene	20.0	20.0	19.0	18.3
1,1,1,2-Tetrachloroethane	20.0	20.0	18.0	17.7
trans-1,3-Dichloropropene	20.0	20.0	18.0	17.6
1,1,2,2-Tetrachloroethane	20.0	20.0	16.2	16.1
trans-1,4-Dichloro-2-butene	20.0	20.0	15.8	15.7
Toluene	20.0	20.0	17.8	17.7
Tetrachloroethene	20.0	20.0	17.1	16.8
Tetrahydrofuran	40.0	40.0	49.2	50.8
1,2,3-Trichlorobenzene	20.0	20.0	18.0	17.3

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-264604

Method: 8260
Preparation: N/A

LCS Lab Sample ID:	LCS 460-264604/3	Units: ug/Kg		LCSD Lab Sample ID:	LCSD 460-264604/4
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/22/2014 0855			Analysis Date:	11/22/2014 0921
Prep Date:	N/A			Prep Date:	N/A
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	20.0	20.0	17.7	18.3
1,1,1-Trichloroethane	20.0	20.0	19.6	19.0
2-Butanone (MEK)	100	100	94.3	98.3
1,1,2-Trichloroethane	20.0	20.0	17.1	16.3
Chloroform	20.0	20.0	19.6	19.0
1,2-Dichloroethane	20.0	20.0	19.6	18.9
Trichloroethene	20.0	20.0	18.6	17.9
2-Hexanone	100	100	81.4	82.1
Trichlorofluoromethane	20.0	20.0	22.7	23.5
1,2,3-Trichloropropane	20.0	20.0	16.9	16.4
4-Methyl-2-pentanone (MIBK)	100	100	84.0	84.1
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	20.0	19.2	18.9
Acetone	100	100	101	101
1,2,4-Trimethylbenzene	20.0	20.0	17.2	17.1
Dichlorobromomethane	20.0	20.0	18.7	18.4
1,3,5-Trimethylbenzene	20.0	20.0	17.7	17.3
Chloromethane	20.0	20.0	19.3	19.6
cis-1,2-Dichloroethene	20.0	20.0	19.3	18.5
Vinyl chloride	20.0	20.0	21.7	22.2
cis-1,3-Dichloropropene	20.0	20.0	17.0	17.2
Ethylbenzene	20.0	20.0	17.6	21.1
o-Xylene	20.0	20.0	17.6	17.1
m-Xylene & p-Xylene	20.0	20.0	17.5	17.1
Xylenes, Total	40.0	40.0	35.2	34.3
2-Chlorotoluene	20.0	20.0	17.9	17.6
4-Chlorotoluene	20.0	20.0	18.1	18.1
Ethylene Dibromide	20.0	20.0	16.9	16.3
Dibromomethane	20.0	20.0	18.1	17.1
Dichlorodifluoromethane	20.0	20.0	22.1	21.5
4-Isopropyltoluene	20.0	20.0	17.5	17.2

Method Blank - Batch: 460-264721

Method: 8260
Preparation: 5030B

Lab Sample ID:	MB 460-264721/7	Analysis Batch:	460-264721	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92811.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/23/2014 1137	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	11/23/2014 1137				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acrylonitrile	0.0020	U	0.0020	0.0020
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.0010
1,2-Dichlorobenzene	0.0010	U	0.0010	0.0010
Benzene	0.0010	U	0.0010	0.0010
1,3-Dichlorobenzene	0.0010	U	0.0010	0.0010
Bromobenzene	0.0010	U	0.0010	0.0010
Bromoform	0.0010	U	0.0010	0.0010
1,4-Dichlorobenzene	0.0010	U	0.0010	0.0010
Bromomethane	0.0010	U	0.0010	0.0010
Carbon disulfide	0.0010	U	0.0010	0.0010
1,1-Dichloroethane	0.0010	U	0.0010	0.0010
Carbon tetrachloride	0.0010	U	0.0010	0.0010
Chlorobenzene	0.0010	U	0.0010	0.0010
1,1-Dichloroethene	0.0010	U	0.0010	0.0010
Chlorodibromomethane	0.0010	U	0.0010	0.0010
Chloroethane	0.0010	U	0.0010	0.0010
1,2-Dichloropropane	0.0010	U	0.0010	0.0010
1,3-Dichloropropane	0.0010	U	0.0010	0.0010
2,2-Dichloropropane	0.0010	U	0.0010	0.0010
1,1-Dichloropropene	0.0010	U	0.0010	0.0010
n-Butylbenzene	0.0010	U	0.0010	0.0010
Hexachlorobutadiene	0.0010	U	0.0010	0.0010
sec-Butylbenzene	0.0010	U	0.0010	0.0010
Isopropylbenzene	0.0010	U	0.0010	0.0010
tert-Butylbenzene	0.0010	U	0.0010	0.0010
Methylene Chloride	0.0010	U	0.0010	0.0010
Methyl tert-butyl ether	0.0010	U	0.0010	0.0010
Naphthalene	0.0010	U	0.0010	0.0010
N-Propylbenzene	0.0010	U	0.0010	0.0010
Styrene	0.0010	U	0.0010	0.0010
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.0010
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.0010
1,1,1,2-Tetrachloroethane	0.0010	U	0.0010	0.0010
trans-1,4-Dichloro-2-butene	0.0010	U	0.0010	0.0010
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.0010
Toluene	0.0010	U	0.0010	0.0010
Tetrachloroethene	0.0010	U	0.0010	0.0010
Tetrahydrofuran	0.0010	U	0.0010	0.0010
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.0010
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.0010
1,1,1-Trichloroethane	0.0010	U	0.0010	0.0010
2-Butanone (MEK)	0.0010	U	0.0010	0.0010
Chloroform	0.0010	U	0.0010	0.0010
1,1,2-Trichloroethane	0.0010	U	0.0010	0.0010
1,2-Dichloroethane	0.0010	U	0.0010	0.0010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-264721

Method: 8260
Preparation: 5030B

Lab Sample ID:	MB 460-264721/7	Analysis Batch:	460-264721	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92811.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/23/2014 1137	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	11/23/2014 1137				
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Trichloroethene	0.0010	U	0.0010	0.0010
2-Hexanone	0.0020	U	0.0020	0.0020
Trichlorofluoromethane	0.0010	U	0.0010	0.0010
1,2,3-Trichloropropane	0.0010	U	0.0010	0.0010
4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0020	0.0020
Acetone	0.0050	U	0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.0010
Dichlorobromomethane	0.0010	U	0.0010	0.0010
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.0010
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.0010
Chloromethane	0.0010	U	0.0010	0.0010
Vinyl chloride	0.0010	U	0.0010	0.0010
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.0010
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.0010
o-Xylene	0.0010	U	0.0010	0.0010
Ethylbenzene	0.0010	U	0.0010	0.0010
Xylenes, Total	0.0030	U	0.0030	0.0030
m-Xylene & p-Xylene	0.0020	U	0.0020	0.0020
2-Chlorotoluene	0.0010	U	0.0010	0.0010
4-Chlorotoluene	0.0010	U	0.0010	0.0010
Ethylene Dibromide	0.0010	U	0.0010	0.0010
Dibromomethane	0.0010	U	0.0010	0.0010
Dichlorodifluoromethane	0.0020	U	0.0020	0.0020
4-Isopropyltoluene	0.0010	U	0.0010	0.0010

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	70 - 130
Toluene-d8 (Surr)	91	70 - 130
4-Bromofluorobenzene	96	70 - 130
Dibromofluoromethane (Surr)	91	70 - 130

TCLP SPLPE Leachate Blank - Batch: 460-264721

Method: 8260
Preparation: 5030B
SPLP

Lab Sample ID:	LB 460-263281/1-A	Analysis Batch:	460-264721	Instrument ID:	CVOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P92829.D
Dilution:	1.0	Leach Batch:	460-263281	Initial Weight/Volume:	5 mL
Analysis Date:	11/23/2014 1913	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	11/23/2014 1913				
Leach Date:	11/17/2014 1400				

Analyte	Result	Qual	RL	RL
Acrylonitrile	0.0020	U	0.0020	0.0020
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.0010
1,2-Dichlorobenzene	0.0010	U	0.0010	0.0010
Benzene	0.0010	U	0.0010	0.0010
1,3-Dichlorobenzene	0.0010	U	0.0010	0.0010
Bromobenzene	0.0010	U	0.0010	0.0010
Bromoform	0.0010	U	0.0010	0.0010
1,4-Dichlorobenzene	0.0010	U	0.0010	0.0010
Bromomethane	0.0010	U	0.0010	0.0010
Carbon disulfide	0.0010	U	0.0010	0.0010
1,1-Dichloroethane	0.0010	U	0.0010	0.0010
Carbon tetrachloride	0.0010	U	0.0010	0.0010
Chlorobenzene	0.0010	U	0.0010	0.0010
1,1-Dichloroethene	0.0010	U	0.0010	0.0010
Chlorodibromomethane	0.0010	U	0.0010	0.0010
Chloroethane	0.0010	U	0.0010	0.0010
1,2-Dichloropropane	0.0010	U	0.0010	0.0010
1,3-Dichloropropane	0.0010	U	0.0010	0.0010
2,2-Dichloropropane	0.0010	U	0.0010	0.0010
1,1-Dichloropropene	0.0010	U	0.0010	0.0010
n-Butylbenzene	0.0010	U	0.0010	0.0010
Hexachlorobutadiene	0.0010	U	0.0010	0.0010
sec-Butylbenzene	0.0010	U	0.0010	0.0010
Isopropylbenzene	0.0010	U	0.0010	0.0010
tert-Butylbenzene	0.0010	U	0.0010	0.0010
Methylene Chloride	0.0397		0.0010	0.0010
Methyl tert-butyl ether	0.0010	U	0.0010	0.0010
Naphthalene	0.0010	U	0.0010	0.0010
N-Propylbenzene	0.0010	U	0.0010	0.0010
Styrene	0.0010	U	0.0010	0.0010
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.0010
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.0010
1,1,1,2-Tetrachloroethane	0.0010	U	0.0010	0.0010
trans-1,4-Dichloro-2-butene	0.0010	U	0.0010	0.0010
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.0010
Toluene	0.0010	U	0.0010	0.0010
Tetrachloroethene	0.0010	U	0.0010	0.0010
Tetrahydrofuran	0.0010	U	0.0010	0.0010
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.0010
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.0010
1,1,1-Trichloroethane	0.0010	U	0.0010	0.0010
2-Butanone (MEK)	0.0010	U	0.0010	0.0010
Chloroform	0.0010	U	0.0010	0.0010
1,1,2-Trichloroethane	0.0010	U	0.0010	0.0010
1,2-Dichloroethane	0.0010	U	0.0010	0.0010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

TCLP SPLPE Leachate Blank - Batch: 460-264721

Method: 8260
Preparation: 5030B
SPLP

Lab Sample ID:	LB 460-263281/1-A	Analysis Batch:	460-264721	Instrument ID:	CVOAMS13
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	P92829.D
Dilution:	1.0	Leach Batch:	460-263281	Initial Weight/Volume:	5 mL
Analysis Date:	11/23/2014 1913	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	11/23/2014 1913				
Leach Date:	11/17/2014 1400				

Analyte	Result	Qual	RL	RL
Trichloroethene	0.0010	U	0.0010	0.0010
2-Hexanone	0.0020	U	0.0020	0.0020
Trichlorofluoromethane	0.0010	U	0.0010	0.0010
1,2,3-Trichloropropane	0.0010	U	0.0010	0.0010
4-Methyl-2-pentanone (MIBK)	0.0020	U	0.0020	0.0020
Acetone	0.0050	U	0.0050	0.0050
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.0010
Dichlorobromomethane	0.0010	U	0.0010	0.0010
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.0010
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.0010
Chloromethane	0.0010	U	0.0010	0.0010
Vinyl chloride	0.0010	U	0.0010	0.0010
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.0010
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.0010
o-Xylene	0.0010	U	0.0010	0.0010
Ethylbenzene	0.0010	U	0.0010	0.0010
Xylenes, Total	0.0030	U	0.0030	0.0030
m-Xylene & p-Xylene	0.0020	U	0.0020	0.0020
2-Chlorotoluene	0.0010	U	0.0010	0.0010
4-Chlorotoluene	0.0010	U	0.0010	0.0010
Ethylene Dibromide	0.0010	U	0.0010	0.0010
Dibromomethane	0.0010	U	0.0010	0.0010
Dichlorodifluoromethane	0.0020	U	0.0020	0.0020
4-Isopropyltoluene	0.0010	U	0.0010	0.0010

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	89	70 - 130
Toluene-d8 (Surr)	89	70 - 130
4-Bromofluorobenzene	92	70 - 130
Dibromofluoromethane (Surr)	89	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-264721

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-264721/4	Analysis Batch:	460-264721	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92808.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/23/2014 1021	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	11/23/2014 1021				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-264721/5	Analysis Batch:	460-264721	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92809.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/23/2014 1046	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	11/23/2014 1046				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
1,2-Dibromo-3-Chloropropane	79	93	70 - 130	16	30		
Acrylonitrile	97	102	70 - 130	5	30		
1,2-Dichlorobenzene	82	89	70 - 130	7	30		
Benzene	83	93	70 - 130	11	30		
1,3-Dichlorobenzene	82	90	70 - 130	9	30		
Bromobenzene	81	87	70 - 130	7	30		
1,4-Dichlorobenzene	80	86	70 - 130	8	30		
Bromoform	76	81	70 - 130	6	30		
Bromomethane	120	127	70 - 130	6	30		
1,1-Dichloroethane	92	105	70 - 130	13	30		
Carbon disulfide	82	95	70 - 130	15	30		
Carbon tetrachloride	78	97	70 - 130	22	30		
1,1-Dichloroethene	81	92	70 - 130	13	30		
Chlorobenzene	79	90	70 - 130	13	30		
Chlorodibromomethane	83	89	70 - 130	8	30		
Chloroethane	96	92	70 - 130	4	30		
1,2-Dichloropropane	97	104	70 - 130	7	30		
1,3-Dichloropropane	90	94	70 - 130	4	30		
2,2-Dichloropropane	79	87	70 - 130	9	30		
1,1-Dichloropropene	81	103	70 - 130	24	30		
n-Butylbenzene	90	100	70 - 130	11	30		
Hexachlorobutadiene	61	72	70 - 130	16	30	*	
sec-Butylbenzene	88	100	70 - 130	13	30		
Isopropylbenzene	87	96	70 - 130	10	30		
Methylene Chloride	97	105	70 - 130	7	30		
tert-Butylbenzene	87	97	70 - 130	11	30		
Methyl tert-butyl ether	94	100	70 - 130	6	30		
Naphthalene	91	95	70 - 130	4	30		
N-Propylbenzene	85	97	70 - 130	12	30		
Styrene	88	90	70 - 130	3	30		
trans-1,2-Dichloroethene	87	97	70 - 130	12	30		
1,1,1,2-Tetrachloroethane	82	90	70 - 130	9	30		
trans-1,3-Dichloropropene	89	105	70 - 130	17	30		
1,1,2,2-Tetrachloroethane	97	98	70 - 130	1	30		
trans-1,4-Dichloro-2-butene	92	99	70 - 130	8	30		
Toluene	86	96	70 - 130	11	30		

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-264721

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-264721/4	Analysis Batch:	460-264721	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92808.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/23/2014 1021	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	11/23/2014 1021				5 mL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-264721/5	Analysis Batch:	460-264721	Instrument ID:	CVOAMS13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P92809.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/23/2014 1046	Units:	mg/L	Final Weight/Volume:	5 mL
Prep Date:	11/23/2014 1046				5 mL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Tetrachloroethene	77	89	70 - 130	15	30		
Tetrahydrofuran	88	91	70 - 130	4	30		
1,2,3-Trichlorobenzene	82	87	70 - 130	6	30		
1,2,4-Trichlorobenzene	78	84	70 - 130	8	30		
1,1,1-Trichloroethane	83	92	70 - 130	10	30		
2-Butanone (MEK)	93	97	70 - 130	4	30		
1,1,2-Trichloroethane	90	93	70 - 130	4	30		
Chloroform	92	101	70 - 130	10	30		
1,2-Dichloroethane	93	98	70 - 130	6	30		
Trichloroethene	82	90	70 - 130	9	30		
2-Hexanone	110	117	70 - 130	6	30		
Trichlorofluoromethane	81	97	70 - 130	18	30		
1,2,3-Trichloropropane	88	97	70 - 130	10	30		
4-Methyl-2-pentanone (MIBK)	113	119	70 - 130	5	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	76	89	70 - 130	16	30		
Acetone	85	94	70 - 130	10	30		
1,2,4-Trimethylbenzene	90	96	70 - 130	7	30		
Dichlorobromomethane	91	95	70 - 130	5	30		
1,3,5-Trimethylbenzene	88	97	70 - 130	10	30		
Chloromethane	92	97	70 - 130	5	30		
cis-1,2-Dichloroethene	86	93	70 - 130	8	30		
Vinyl chloride	101	106	70 - 130	5	30		
cis-1,3-Dichloropropene	89	98	70 - 130	10	30		
Ethylbenzene	86	95	70 - 130	10	30		
o-Xylene	87	97	70 - 130	11	30		
m-Xylene & p-Xylene	85	93	70 - 130	9	30		
Xylenes, Total	86	95	70 - 130	10	30		
2-Chlorotoluene	88	95	70 - 130	8	30		
4-Chlorotoluene	86	96	70 - 130	10	30		
Ethylene Dibromide	85	89	70 - 130	5	30		
Dibromomethane	94	101	70 - 130	8	30		
Dichlorodifluoromethane	77	81	70 - 130	5	30		
4-Isopropyltoluene	85	95	70 - 130	11	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	91	90	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Toluene-d8 (Surr)	93	94	70 - 130
4-Bromofluorobenzene	99	100	70 - 130
Dibromofluoromethane (Surr)	91	90	70 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-264721

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-264721/4	Units:	mg/L	LCSD Lab Sample ID:	LCSD 460-264721/5
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/23/2014 1021			Analysis Date:	11/23/2014 1046
Prep Date:	11/23/2014 1021			Prep Date:	11/23/2014 1046
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual
1,2-Dibromo-3-Chloropropane	0.0200	0.0200	0.0159		0.0187
Acrylonitrile	0.200	0.200	0.194		0.204
1,2-Dichlorobenzene	0.0200	0.0200	0.0165		0.0177
Benzene	0.0200	0.0200	0.0167		0.0186
1,3-Dichlorobenzene	0.0200	0.0200	0.0165		0.0181
Bromobenzene	0.0200	0.0200	0.0162		0.0173
1,4-Dichlorobenzene	0.0200	0.0200	0.0160		0.0173
Bromoform	0.0200	0.0200	0.0152		0.0161
Bromomethane	0.0200	0.0200	0.0240		0.0254
1,1-Dichloroethane	0.0200	0.0200	0.0184		0.0210
Carbon disulfide	0.0200	0.0200	0.0164		0.0190
Carbon tetrachloride	0.0200	0.0200	0.0156		0.0195
1,1-Dichloroethene	0.0200	0.0200	0.0162		0.0184
Chlorobenzene	0.0200	0.0200	0.0159		0.0180
Chlorodibromomethane	0.0200	0.0200	0.0165		0.0179
Chloroethane	0.0200	0.0200	0.0193		0.0185
1,2-Dichloropropane	0.0200	0.0200	0.0193		0.0208
1,3-Dichloropropane	0.0200	0.0200	0.0181		0.0189
2,2-Dichloropropane	0.0200	0.0200	0.0158		0.0174
1,1-Dichloropropene	0.0200	0.0200	0.0162		0.0207
n-Butylbenzene	0.0200	0.0200	0.0179		0.0201
Hexachlorobutadiene	0.0200	0.0200	0.0122	*	0.0143
sec-Butylbenzene	0.0200	0.0200	0.0176		0.0200
Isopropylbenzene	0.0200	0.0200	0.0175		0.0193
Methylene Chloride	0.0200	0.0200	0.0195		0.0209
tert-Butylbenzene	0.0200	0.0200	0.0174		0.0195
Methyl tert-butyl ether	0.0200	0.0200	0.0187		0.0199
Naphthalene	0.0200	0.0200	0.0182		0.0190
N-Propylbenzene	0.0200	0.0200	0.0171		0.0193
Styrene	0.0200	0.0200	0.0175		0.0180
trans-1,2-Dichloroethene	0.0200	0.0200	0.0173		0.0195
1,1,1,2-Tetrachloroethane	0.0200	0.0200	0.0164		0.0179
trans-1,3-Dichloropropene	0.0200	0.0200	0.0177		0.0209
1,1,2,2-Tetrachloroethane	0.0200	0.0200	0.0193		0.0196
trans-1,4-Dichloro-2-butene	0.0200	0.0200	0.0184		0.0198
Toluene	0.0200	0.0200	0.0172		0.0192
Tetrachloroethene	0.0200	0.0200	0.0154		0.0179
Tetrahydrofuran	0.0400	0.0400	0.0350		0.0366
1,2,3-Trichlorobenzene	0.0200	0.0200	0.0165		0.0175

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-264721

Method: 8260
Preparation: 5030B

LCS Lab Sample ID:	LCS 460-264721/4	Units:	mg/L	LCSD Lab Sample ID:	LCSD 460-264721/5
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/23/2014 1021			Analysis Date:	11/23/2014 1046
Prep Date:	11/23/2014 1021			Prep Date:	11/23/2014 1046
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
1,2,4-Trichlorobenzene	0.0200	0.0200	0.0156	0.0169
1,1,1-Trichloroethane	0.0200	0.0200	0.0166	0.0184
2-Butanone (MEK)	0.100	0.100	0.0933	0.0973
1,1,2-Trichloroethane	0.0200	0.0200	0.0180	0.0187
Chloroform	0.0200	0.0200	0.0184	0.0203
1,2-Dichloroethane	0.0200	0.0200	0.0186	0.0197
Trichloroethene	0.0200	0.0200	0.0165	0.0180
2-Hexanone	0.100	0.100	0.110	0.117
Trichlorofluoromethane	0.0200	0.0200	0.0162	0.0195
1,2,3-Trichloropropane	0.0200	0.0200	0.0175	0.0193
4-Methyl-2-pentanone (MIBK)	0.100	0.100	0.113	0.119
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0200	0.0151	0.0178
Acetone	0.100	0.100	0.0845	0.0938
1,2,4-Trimethylbenzene	0.0200	0.0200	0.0180	0.0192
Dichlorobromomethane	0.0200	0.0200	0.0182	0.0190
1,3,5-Trimethylbenzene	0.0200	0.0200	0.0175	0.0194
Chloromethane	0.0200	0.0200	0.0184	0.0194
cis-1,2-Dichloroethene	0.0200	0.0200	0.0171	0.0187
Vinyl chloride	0.0200	0.0200	0.0201	0.0211
cis-1,3-Dichloropropene	0.0200	0.0200	0.0178	0.0197
Ethylbenzene	0.0200	0.0200	0.0171	0.0189
o-Xylene	0.0200	0.0200	0.0174	0.0195
m-Xylene & p-Xylene	0.0200	0.0200	0.0171	0.0186
Xylenes, Total	0.0400	0.0400	0.0345	0.0381
2-Chlorotoluene	0.0200	0.0200	0.0176	0.0190
4-Chlorotoluene	0.0200	0.0200	0.0173	0.0191
Ethylene Dibromide	0.0200	0.0200	0.0169	0.0178
Dibromomethane	0.0200	0.0200	0.0188	0.0202
Dichlorodifluoromethane	0.0200	0.0200	0.0154	0.0162
4-Isopropyltoluene	0.0200	0.0200	0.0171	0.0191

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-263045

Method: 8270
Preparation: 3546

Lab Sample ID:	MB 460-263045/1-A	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-263045	Lab File ID:	x7260.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0070 g
Analysis Date:	11/23/2014 2107	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acenaphthylene	330	U	330	330
Acenaphthene	330	U	330	330
Anthracene	330	U	330	330
Benzo[a]anthracene	33	U	33	33
Benzo[b]fluoranthene	33	U	33	33
Benzo[g,h,i]perylene	330	U	330	330
Benzo[k]fluoranthene	33	U	33	33
Benzo[a]pyrene	33	U	33	33
Aniline	330	U	330	330
Bis(2-chloroethyl)ether	33	U	33	33
Bis(2-ethylhexyl) phthalate	330	U	330	330
Chrysene	330	U	330	330
4-Bromophenyl phenyl ether	330	U	330	330
Butyl benzyl phthalate	330	U	330	330
Carbazole	330	U	330	330
Dibenz(a,h)anthracene	33	U	33	33
4-Chloroaniline	330	U	330	330
2-Chloronaphthalene	330	U	330	330
2-Chlorophenol	330	U	330	330
4-Chlorophenyl phenyl ether	330	U	330	330
Dibenzofuran	330	U	330	330
3,3'-Dichlorobenzidine	130	U	130	130
2,4-Dichlorophenol	130	U	130	130
Diethyl phthalate	330	U	330	330
2,4-Dimethylphenol	330	U	330	330
Dimethyl phthalate	330	U	330	330
Di-n-butyl phthalate	330	U	330	330
2,4-Dinitrophenol	270	U	270	270
Fluoranthene	330	U	330	330
2,4-Dinitrotoluene	67	U	67	67
Fluorene	330	U	330	330
2,6-Dinitrotoluene	67	U	67	67
Di-n-octyl phthalate	330	U	330	330
Hexachlorobenzene	33	U	33	33
Hexachlorobutadiene	67	U	67	67
Indeno[1,2,3-cd]pyrene	33	U	33	33
Hexachlorocyclopentadiene	330	U	330	330
Hexachloroethane	33	U	33	33
Isophorone	130	U	130	130
2-Methylnaphthalene	330	U	330	330
2-Methylphenol	330	U	330	330
4-Methylphenol	330	U	330	330
Naphthalene	330	U	330	330
2-Nitroaniline	330	U	330	330
3-Nitroaniline	330	U	330	330

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-263045 **Method: 8270**
Preparation: 3546

Lab Sample ID:	MB 460-263045/1-A	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-263045	Lab File ID:	x7260.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0070 g
Analysis Date:	11/23/2014 2107	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
4-Nitroaniline	330	U	330	330
Nitrobenzene	33	U	33	33
2-Nitrophenol	330	U	330	330
N-Nitrosodiphenylamine	330	U	330	330
N-Nitrosodi-n-propylamine	33	U	33	33
Pentachlorophenol	270	U	270	270
Phenanthrene	330	U	330	330
Phenol	330	U	330	330
Pyrene	330	U	330	330
Pyridine	330	U	330	330
2,2'-oxybis[1-chloropropane]	330	U	330	330
1,2,4-Trichlorobenzene	33	U	33	33
4,6-Dinitro-2-methylphenol	270	U	270	270
2,4,5-Trichlorophenol	330	U	330	330
4-Chloro-3-methylphenol	330	U	330	330
4-Nitrophenol	670	U	670	670
2,4,6-Trichlorophenol	130	U	130	130
Bis(2-chloroethoxy)methane	330	U	330	330
1,2,4,5-Tetrachlorobenzene	330	U	330	330

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	76	30 - 130
Phenol-d5 (Surr)	76	30 - 130
Terphenyl-d14 (Surr)	88	30 - 130
2,4,6-Tribromophenol (Surr)	84	30 - 130
2-Fluorophenol (Surr)	72	30 - 130
2-Fluorobiphenyl	66	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample - Batch: 460-263045

Method: 8270
Preparation: 3546

Lab Sample ID:	LCS 460-263045/2-A	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-263045	Lab File ID:	x7261.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0047 g
Analysis Date:	11/23/2014 2129	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthylene	3330	2760	83	40 - 140	
Acenaphthene	3330	2830	85	40 - 140	
Anthracene	3330	2890	87	40 - 140	
Benzo[a]anthracene	3330	3140	94	40 - 140	
Benzo[b]fluoranthene	3330	3280	98	40 - 140	
Benzo[g,h,i]perylene	3330	3100	93	40 - 140	
Benzo[k]fluoranthene	3330	2900	87	40 - 140	
Benzo[a]pyrene	3330	3100	93	40 - 140	
Aniline	3330	2000	60	40 - 140	
Bis(2-chloroethyl)ether	3330	2630	79	40 - 140	
Bis(2-ethylhexyl) phthalate	3330	3410	102	40 - 140	
Chrysene	3330	3040	91	40 - 140	
4-Bromophenyl phenyl ether	3330	3130	94	40 - 140	
Butyl benzyl phthalate	3330	3390	102	40 - 140	
Carbazole	3330	2840	85	40 - 140	
Dibenz(a,h)anthracene	3330	3310	99	40 - 140	
4-Chloroaniline	3330	1720	52	40 - 140	
2-Chloronaphthalene	3330	2820	84	40 - 140	
2-Chlorophenol	3330	2620	79	30 - 130	
4-Chlorophenyl phenyl ether	3330	3230	97	40 - 140	
Dibenzofuran	3330	2830	85	40 - 140	
3,3'-Dichlorobenzidine	3330	1910	57	40 - 140	
2,4-Dichlorophenol	3330	2630	79	30 - 130	
Diethyl phthalate	3330	2990	90	40 - 140	
2,4-Dimethylphenol	3330	2630	79	30 - 130	
Dimethyl phthalate	3330	2950	89	40 - 140	
Di-n-butyl phthalate	3330	3100	93	40 - 140	
2,4-Dinitrophenol	6660	5450	82	30 - 130	
Fluoranthene	3330	2930	88	40 - 140	
2,4-Dinitrotoluene	3330	3050	91	40 - 140	
Fluorene	3330	3270	98	40 - 140	
2,6-Dinitrotoluene	3330	2980	89	40 - 140	
Di-n-octyl phthalate	3330	3340	100	40 - 140	
Hexachlorobenzene	3330	2920	88	40 - 140	
Hexachlorobutadiene	3330	2560	77	40 - 140	
Indeno[1,2,3-cd]pyrene	3330	3360	101	40 - 140	
Hexachlorocyclopentadiene	3330	2750	83	40 - 140	
Hexachloroethane	3330	2500	75	40 - 140	
Isophorone	3330	2700	81	40 - 140	
2-Methylnaphthalene	3330	3000	90	40 - 140	
2-Methylphenol	3330	2730	82	30 - 130	
4-Methylphenol	3330	3180	95	30 - 130	
Naphthalene	3330	2860	86	40 - 140	
2-Nitroaniline	3330	2800	84	40 - 140	
3-Nitroaniline	3330	1840	55	40 - 140	
4-Nitroaniline	3330	2500	75	40 - 140	

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample - Batch: 460-263045

Method: 8270
Preparation: 3546

Lab Sample ID:	LCS 460-263045/2-A	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-263045	Lab File ID:	x7261.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0047 g
Analysis Date:	11/23/2014 2129	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrobenzene	3330	2340	70	40 - 140	
2-Nitrophenol	3330	2770	83	30 - 130	
N-Nitrosodiphenylamine	3330	3260	98	40 - 140	
N-Nitrosodi-n-propylamine	3330	2390	72	40 - 140	
Pentachlorophenol	6660	5650	85	30 - 130	
Phenanthrene	3330	2830	85	40 - 140	
Phenol	3330	2660	80	30 - 130	
Pyrene	3330	3180	95	40 - 140	
Pyridine	3330	2180	65	40 - 140	
2,2'-oxybis[1-chloropropane]	3330	2790	84	40 - 140	
1,2,4-Trichlorobenzene	3330	2600	78	40 - 140	
4,6-Dinitro-2-methylphenol	6660	5970	90	30 - 130	
2,4,5-Trichlorophenol	3330	2600	78	30 - 130	
4-Chloro-3-methylphenol	3330	2880	86	30 - 130	
4-Nitrophenol	6660	5710	86	30 - 130	
2,4,6-Trichlorophenol	3330	2870	86	30 - 130	
Bis(2-chloroethoxy)methane	3330	2730	82	40 - 140	
1,2,4,5-Tetrachlorobenzene	3330	3170	95	40 - 140	

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	76	30 - 130
Phenol-d5 (Surr)	75	30 - 130
Terphenyl-d14 (Surr)	98	30 - 130
2,4,6-Tribromophenol (Surr)	89	30 - 130
2-Fluorophenol (Surr)	74	30 - 130
2-Fluorobiphenyl	79	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-263045

Method: 8270
Preparation: 3546

MS Lab Sample ID:	460-86148-11	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-263045	Lab File ID:	x7263.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0151 g
Analysis Date:	11/23/2014 2215			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-86148-11	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-263045	Lab File ID:	x7264.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0462 g
Analysis Date:	11/23/2014 2238			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthylene	56	56	40 - 140	1	30		
Acenaphthene	54	54	40 - 140	0	30		
Anthracene	61	61	40 - 140	0	30		
Benzo[a]anthracene	56	55	40 - 140	2	30		
Benzo[b]fluoranthene	56	55	40 - 140	1	30		
Benzo[g,h,i]perylene	70	70	40 - 140	0	30		
Benzo[k]fluoranthene	55	55	40 - 140	1	30		
Benzo[a]pyrene	57	55	40 - 140	3	30		
Aniline	32	31	40 - 140	4	30	F1	F1
Bis(2-chloroethyl)ether	52	50	40 - 140	3	30		
Bis(2-ethylhexyl) phthalate	66	66	40 - 140	1	30		
4-Bromophenyl phenyl ether	66	65	40 - 140	1	30		
Chrysene	53	51	40 - 140	4	30		
Butyl benzyl phthalate	67	65	40 - 140	4	30		
Carbazole	59	58	40 - 140	1	30		
Dibenz(a,h)anthracene	68	69	40 - 140	0	30		
4-Chloroaniline	29	29	40 - 140	2	30	F1	F1
2-Chloronaphthalene	57	56	40 - 140	2	30		
2-Chlorophenol	51	49	30 - 130	4	30		
4-Chlorophenyl phenyl ether	64	63	40 - 140	2	30		
Dibenzofuran	57	57	40 - 140	0	30		
3,3'-Dichlorobenzidine	41	42	40 - 140	0	30		
2,4-Dichlorophenol	49	48	30 - 130	2	30		
Diethyl phthalate	64	64	40 - 140	0	30		
2,4-Dimethylphenol	50	51	30 - 130	1	30		
Dimethyl phthalate	63	63	40 - 140	1	30		
Di-n-butyl phthalate	65	66	40 - 140	1	30		
2,4-Dinitrophenol	0	0	30 - 130	NC	30	U F1	U F1
Fluoranthene	51	49	40 - 140	2	30		
2,4-Dinitrotoluene	63	62	40 - 140	1	30		
Fluorene	66	65	40 - 140	1	30		
2,6-Dinitrotoluene	60	59	40 - 140	2	30		
Di-n-octyl phthalate	62	60	40 - 140	4	30		

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-263045

Method: 8270
Preparation: 3546

MS Lab Sample ID:	460-86148-11	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-263045	Lab File ID:	x7263.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0151 g
Analysis Date:	11/23/2014 2215			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-86148-11	Analysis Batch:	460-264785	Instrument ID:	CBNAMS5
Client Matrix:	Solid	Prep Batch:	460-263045	Lab File ID:	x7264.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0462 g
Analysis Date:	11/23/2014 2238			Final Weight/Volume:	1 mL
Prep Date:	11/16/2014 1002			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	% Rec. MS	% Rec. MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Hexachlorobenzene	61	59	40 - 140	3	30		
Hexachlorobutadiene	54	53	40 - 140	1	30		
Hexachlorocyclopentadiene	15	15	40 - 140	0	30	F1	F1
Indeno[1,2,3-cd]pyrene	79	81	40 - 140	1	30		
Hexachloroethane	50	50	40 - 140	2	30		
2-Methylnaphthalene	59	58	40 - 140	2	30		
Isophorone	54	53	40 - 140	2	30		
2-Methylphenol	52	49	30 - 130	4	30		
4-Methylphenol	61	59	30 - 130	4	30		
Naphthalene	58	57	40 - 140	2	30		
2-Nitroaniline	57	57	40 - 140	1	30		
3-Nitroaniline	43	44	40 - 140	2	30		
4-Nitroaniline	49	50	40 - 140	2	30		
Nitrobenzene	50	49	40 - 140	1	30		
2-Nitrophenol	49	48	30 - 130	1	30		
N-Nitrosodiphenylamine	70	70	40 - 140	0	30		
N-Nitrosodi-n-propylamine	48	48	40 - 140	1	30		
Pentachlorophenol	35	35	30 - 130	0	30		
Phenanthrene	57	56	40 - 140	3	30		
Phenol	50	49	30 - 130	4	30		
Pyrene	53	49	40 - 140	6	30		
Pyridine	29	28	40 - 140	3	30	F1	F1
2,2'-oxybis[1-chloropropane]	50	49	40 - 140	4	30		
1,2,4-Trichlorobenzene	53	53	40 - 140	1	30		
4,6-Dinitro-2-methylphenol	25	23		7			
2,4,5-Trichlorophenol	46	46	30 - 130	1	30		
4-Chloro-3-methylphenol	56	54		4			
2,4,6-Trichlorophenol	51	52	30 - 130	1	30		
4-Nitrophenol	47	47		0			
Bis(2-chloroethoxy)methane	55	55		1			
1,2,4,5-Tetrachlorobenzene	68	67	40 - 140	2	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	51	51	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Phenol-d5 (Surr)	48	46	30 - 130
Terphenyl-d14 (Surr)	62	60	30 - 130
2,4,6-Tribromophenol (Surr)	52	51	30 - 130
2-Fluorophenol (Surr)	46	45	30 - 130
2-Fluorobiphenyl	54	54	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-263045

Method: 8270
Preparation: 3546

MS Lab Sample ID:	460-86148-11	Units:	ug/Kg	MSD Lab Sample ID:	460-86148-11
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/23/2014 2215			Analysis Date:	11/23/2014 2238
Prep Date:	11/16/2014 1002			Prep Date:	11/16/2014 1002
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthylene	370	U	3730	3720	2090		2070	
Acenaphthene	370	U	3730	3720	2000		2000	
Anthracene	370	U	3730	3720	2290		2280	
Benzo[a]anthracene	370		3730	3720	2450		2400	
Benzo[b]fluoranthene	410		3730	3720	2480		2460	
Benzo[g,h,i]perylene	370	U	3730	3720	2600		2600	
Benzo[k]fluoranthene	150		3730	3720	2210		2180	
Benzo[a]pyrene	320		3730	3720	2440		2380	
Aniline	370	U	3730	3720	1180	F1	1140	F1
Bis(2-chloroethyl)ether	37	U	3730	3720	1930		1860	
Bis(2-ethylhexyl) phthalate	370	U	3730	3720	2450		2440	
4-Bromophenyl phenyl ether	370	U	3730	3720	2450		2410	
Chrysene	420		3730	3720	2400		2310	
Butyl benzyl phthalate	370	U	3730	3720	2510		2410	
Carbazole	370	U	3730	3720	2190		2170	
Dibenz(a,h)anthracene	79		3730	3720	2630		2640	
4-Chloroaniline	370	U	3730	3720	1100	F1	1070	F1
2-Chloronaphthalene	370	U	3730	3720	2130		2100	
2-Chlorophenol	370	U	3730	3720	1900		1830	
4-Chlorophenyl phenyl ether	370	U	3730	3720	2390		2350	
Dibenzofuran	370	U	3730	3720	2140		2130	
3,3'-Dichlorobenzidine	150	U	3730	3720	1550		1540	
2,4-Dichlorophenol	150	U	3730	3720	1830		1790	
Diethyl phthalate	370	U	3730	3720	2380		2390	
2,4-Dimethylphenol	370	U	3730	3720	1880		1900	
Dimethyl phthalate	370	U	3730	3720	2340		2320	
Di-n-butyl phthalate	370	U	3730	3720	2440		2460	
2,4-Dinitrophenol	300	U	7450	7440	300	U F1	300	U F1
Fluoranthene	540		3730	3720	2440		2380	
2,4-Dinitrotoluene	75	U	3730	3720	2330		2320	
Fluorene	370	U	3730	3720	2450		2430	
2,6-Dinitrotoluene	75	U	3730	3720	2250		2210	
Di-n-octyl phthalate	370	U	3730	3720	2330		2230	
Hexachlorobenzene	37	U	3730	3720	2280		2210	
Hexachlorobutadiene	75	U	3730	3720	2010		1980	
Hexachlorocyclopentadiene	370	U	3730	3720	555	F1	554	F1
Indeno[1,2,3-cd]pyrene	310		3730	3720	3270		3310	
Hexachloroethane	37	U	3730	3720	1870		1840	
2-Methylnaphthalene	370	U	3730	3720	2200		2160	
Isophorone	150	U	3730	3720	2000		1970	
2-Methylphenol	370	U	3730	3720	1920		1840	
4-Methylphenol	370	U	3730	3720	2290		2210	
Naphthalene	370	U	3730	3720	2170		2130	

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-263045

Method: 8270
Preparation: 3546

MS Lab Sample ID:	460-86148-11	Units:	ug/Kg	MSD Lab Sample ID:	460-86148-11
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/23/2014 2215			Analysis Date:	11/23/2014 2238
Prep Date:	11/16/2014 1002			Prep Date:	11/16/2014 1002
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
2-Nitroaniline	370	U	3730	3720	2130		2100	
3-Nitroaniline	370	U	3730	3720	1610		1630	
4-Nitroaniline	370	U	3730	3720	1820		1850	
Nitrobenzene	37	U	3730	3720	1860		1840	
2-Nitrophenol	370	U	3730	3720	1810		1800	
N-Nitrosodiphenylamine	370	U	3730	3720	2620		2610	
N-Nitrosodi-n-propylamine	37	U	3730	3720	1800		1780	
Pentachlorophenol	300	U	7450	7440	2600		2600	
Phenanthrene	410		3730	3720	2550		2470	
Phenol	370	U	3730	3720	1880		1810	
Pyrene	610		3730	3720	2580		2430	
Pyridine	370	U	3730	3720	1090	F1	1060	F1
2,2'-oxybis[1-chloropropane]	370	U	3730	3720	1880		1810	
1,2,4-Trichlorobenzene	37	U	3730	3720	1990		1970	
4,6-Dinitro-2-methylphenol	300	U	7450	7440	1850		1730	
2,4,5-Trichlorophenol	370	U	3730	3720	1720		1710	
4-Chloro-3-methylphenol	370	U	3730	3720	2080		2000	
2,4,6-Trichlorophenol	150	U	3730	3720	1920		1940	
4-Nitrophenol	750	U	7450	7440	3510		3510	
Bis(2-chloroethoxy)methane	370	U	3730	3720	2060		2030	
1,2,4,5-Tetrachlorobenzene	370	U	3730	3720	2550		2500	

TCLP SPLPE Leachate Blank - Batch: 460-263897

Method: 8270
Preparation: 3510C
SPLP East

Lab Sample ID:	LB 460-263633/1-B	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Client Matrix:	Solid	Prep Batch:	460-263897	Lab File ID:	M87303.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2350	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	Result	Qual	RL	RL
Acenaphthylene	0.010	U	0.010	0.010
Acenaphthene	0.010	U	0.010	0.010
Anthracene	0.010	U	0.010	0.010
Benzo[a]anthracene	0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene	0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene	0.010	U	0.010	0.010
Benzo[k]fluoranthene	0.0010	U	0.0010	0.0010
Benzo[a]pyrene	0.0010	U	0.0010	0.0010
Aniline	0.010	U	0.010	0.010
Bis(2-chloroethyl)ether	0.0010	U	0.0010	0.0010
Bis(2-ethylhexyl) phthalate	0.0020	U	0.0020	0.0020
Chrysene	0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether	0.010	U	0.010	0.010
Butyl benzyl phthalate	0.010	U	0.010	0.010
Carbazole	0.010	U	0.010	0.010
Dibenz(a,h)anthracene	0.0010	U	0.0010	0.0010
4-Chloroaniline	0.010	U	0.010	0.010
2-Chloronaphthalene	0.010	U	0.010	0.010
2-Chlorophenol	0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether	0.010	U	0.010	0.010
Dibenzofuran	0.010	U	0.010	0.010
3,3'-Dichlorobenzidine	0.010	U	0.010	0.010
2,4-Dichlorophenol	0.010	U	0.010	0.010
Diethyl phthalate	0.010	U	0.010	0.010
2,4-Dimethylphenol	0.010	U	0.010	0.010
Dimethyl phthalate	0.010	U	0.010	0.010
Di-n-butyl phthalate	0.010	U	0.010	0.010
2,4-Dinitrophenol	0.020	U	0.020	0.020
Fluoranthene	0.010	U	0.010	0.010
2,4-Dinitrotoluene	0.0020	U	0.0020	0.0020
Fluorene	0.010	U	0.010	0.010
2,6-Dinitrotoluene	0.0020	U	0.0020	0.0020
Di-n-octyl phthalate	0.010	U	0.010	0.010
Hexachlorobenzene	0.0010	U	0.0010	0.0010
Hexachlorobutadiene	0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene	0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene	0.010	U	0.010	0.010
Hexachloroethane	0.0010	U	0.0010	0.0010
Isophorone	0.010	U	0.010	0.010
2-Methylnaphthalene	0.010	U	0.010	0.010
2-Methylphenol	0.010	U	0.010	0.010
4-Methylphenol	0.010	U	0.010	0.010
Naphthalene	0.010	U	0.010	0.010
2-Nitroaniline	0.010	U	0.010	0.010
3-Nitroaniline	0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

TCLP SPLPE Leachate Blank - Batch: 460-263897

Method: 8270
Preparation: 3510C
SPLP East

Lab Sample ID:	LB 460-263633/1-B	Analysis Batch:	460-264937	Instrument ID:	CBNAMS6
Client Matrix:	Solid	Prep Batch:	460-263897	Lab File ID:	M87303.D
Dilution:	1.0	Leach Batch:	460-263633	Initial Weight/Volume:	250 mL
Analysis Date:	11/24/2014 2350	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	11/18/2014 1730				

Analyte	Result	Qual	RL	RL
4-Nitroaniline	0.010	U	0.010	0.010
Nitrobenzene	0.0010	U	0.0010	0.0010
2-Nitrophenol	0.010	U	0.010	0.010
N-Nitrosodiphenylamine	0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine	0.0010	U	0.0010	0.0010
Pentachlorophenol	0.020	U	0.020	0.020
Phenanthrene	0.010	U	0.010	0.010
Phenol	0.010	U	0.010	0.010
Pyrene	0.010	U	0.010	0.010
Pyridine	0.010	U	0.010	0.010
2,2'-oxybis[1-chloropropane]	0.010	U	0.010	0.010
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.0010
4,6-Dinitro-2-methylphenol	0.020	U	0.020	0.020
2,4,5-Trichlorophenol	0.010	U	0.010	0.010
4-Chloro-3-methylphenol	0.010	U	0.010	0.010
4-Nitrophenol	0.020	U	0.020	0.020
2,4,6-Trichlorophenol	0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane	0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene	0.010	U	0.010	0.010

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	111	30 - 130
Phenol-d5 (Surr)	37	15 - 110
Terphenyl-d14 (Surr)	126	30 - 130
2,4,6-Tribromophenol (Surr)	98	15 - 110
2-Fluorophenol (Surr)	59	15 - 110
2-Fluorobiphenyl	103	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-263897

Method: 8270
Preparation: 3510C

Lab Sample ID:	MB 460-263897/1-A	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-263897	Lab File ID:	M87331.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 1911	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
Acenaphthylene	0.010	U	0.010	0.010
Acenaphthene	0.010	U	0.010	0.010
Anthracene	0.010	U	0.010	0.010
Benzo[a]anthracene	0.0010	U	0.0010	0.0010
Benzo[b]fluoranthene	0.0010	U	0.0010	0.0010
Benzo[g,h,i]perylene	0.010	U	0.010	0.010
Benzo[k]fluoranthene	0.0010	U	0.0010	0.0010
Benzo[a]pyrene	0.0010	U	0.0010	0.0010
Aniline	0.010	U	0.010	0.010
Bis(2-chloroethyl)ether	0.0010	U	0.0010	0.0010
Bis(2-ethylhexyl) phthalate	0.0020	U	0.0020	0.0020
Chrysene	0.0020	U	0.0020	0.0020
4-Bromophenyl phenyl ether	0.010	U	0.010	0.010
Butyl benzyl phthalate	0.010	U	0.010	0.010
Carbazole	0.010	U	0.010	0.010
Dibenz(a,h)anthracene	0.0010	U	0.0010	0.0010
4-Chloroaniline	0.010	U	0.010	0.010
2-Chloronaphthalene	0.010	U	0.010	0.010
2-Chlorophenol	0.010	U	0.010	0.010
4-Chlorophenyl phenyl ether	0.010	U	0.010	0.010
Dibenzofuran	0.010	U	0.010	0.010
3,3'-Dichlorobenzidine	0.010	U	0.010	0.010
2,4-Dichlorophenol	0.010	U	0.010	0.010
Diethyl phthalate	0.010	U	0.010	0.010
2,4-Dimethylphenol	0.010	U	0.010	0.010
Dimethyl phthalate	0.010	U	0.010	0.010
Di-n-butyl phthalate	0.010	U	0.010	0.010
2,4-Dinitrophenol	0.020	U	0.020	0.020
Fluoranthene	0.010	U	0.010	0.010
2,4-Dinitrotoluene	0.0020	U	0.0020	0.0020
Fluorene	0.010	U	0.010	0.010
2,6-Dinitrotoluene	0.0020	U	0.0020	0.0020
Di-n-octyl phthalate	0.010	U	0.010	0.010
Hexachlorobenzene	0.0010	U	0.0010	0.0010
Hexachlorobutadiene	0.0010	U	0.0010	0.0010
Indeno[1,2,3-cd]pyrene	0.0010	U	0.0010	0.0010
Hexachlorocyclopentadiene	0.010	U	0.010	0.010
Hexachloroethane	0.0010	U	0.0010	0.0010
Isophorone	0.010	U	0.010	0.010
2-Methylnaphthalene	0.010	U	0.010	0.010
2-Methylphenol	0.010	U	0.010	0.010
4-Methylphenol	0.010	U	0.010	0.010
Naphthalene	0.010	U	0.010	0.010
2-Nitroaniline	0.010	U	0.010	0.010
3-Nitroaniline	0.010	U	0.010	0.010

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-263897

Method: 8270
Preparation: 3510C

Lab Sample ID:	MB 460-263897/1-A	Analysis Batch:	460-265145	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-263897	Lab File ID:	M87331.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	11/25/2014 1911	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	Result	Qual	RL	RL
4-Nitroaniline	0.010	U	0.010	0.010
Nitrobenzene	0.0010	U	0.0010	0.0010
2-Nitrophenol	0.010	U	0.010	0.010
N-Nitrosodiphenylamine	0.010	U	0.010	0.010
N-Nitrosodi-n-propylamine	0.0010	U	0.0010	0.0010
Pentachlorophenol	0.020	U	0.020	0.020
Phenanthrene	0.010	U	0.010	0.010
Phenol	0.010	U	0.010	0.010
Pyrene	0.010	U	0.010	0.010
Pyridine	0.010	U	0.010	0.010
2,2'-oxybis[1-chloropropane]	0.010	U	0.010	0.010
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.0010
4,6-Dinitro-2-methylphenol	0.020	U	0.020	0.020
2,4,5-Trichlorophenol	0.010	U	0.010	0.010
4-Chloro-3-methylphenol	0.010	U	0.010	0.010
4-Nitrophenol	0.020	U	0.020	0.020
2,4,6-Trichlorophenol	0.010	U	0.010	0.010
Bis(2-chloroethoxy)methane	0.010	U	0.010	0.010
1,2,4,5-Tetrachlorobenzene	0.010	U	0.010	0.010

Surrogate	% Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	73	30 - 130
Phenol-d5 (Surr)	25	15 - 110
Terphenyl-d14 (Surr)	76	30 - 130
2,4,6-Tribromophenol (Surr)	70	15 - 110
2-Fluorophenol (Surr)	36	15 - 110
2-Fluorobiphenyl	63	30 - 130

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-263897

Method: 8270
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-263897/2-A	Analysis Batch:	460-266224	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-263897	Lab File ID:	M87463.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	12/01/2014 1945	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-263897/3-A	Analysis Batch:	460-266224	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-263897	Lab File ID:	M87464.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	12/01/2014 2247	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	N/A				

	% Rec.					
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Acenaphthylene	75	81	40 - 140	8	20		
Acenaphthene	84	83	40 - 140	1	20		
Anthracene	79	80	40 - 140	1	20		
Benzo[a]anthracene	85	90	40 - 140	5	20		
Benzo[b]fluoranthene	82	86	40 - 140	4	20		
Benzo[g,h,i]perylene	89	95	40 - 140	6	20		
Benzo[k]fluoranthene	82	86	40 - 140	5	20		
Benzo[a]pyrene	84	86	40 - 140	3	20		
Aniline	46	48	40 - 140	5	20		
Bis(2-chloroethyl)ether	66	68	40 - 140	2	20		
Bis(2-ethylhexyl) phthalate	92	86	40 - 140	7	20		
4-Bromophenyl phenyl ether	71	85	40 - 140	18	20		
Chrysene	92	97	40 - 140	6	20		
Butyl benzyl phthalate	94	92	40 - 140	3	20		
Carbazole	97	97	40 - 140	0	20		
Dibenz(a,h)anthracene	101	101	40 - 140	0	20		
4-Chloroaniline	69	65	40 - 140	6	20		
2-Chloronaphthalene	72	73	40 - 140	1	20		
2-Chlorophenol	67	69	30 - 130	2	20		
4-Chlorophenyl phenyl ether	79	80	40 - 140	1	20		
Dibenzofuran	92	93	40 - 140	1	20		
3,3'-Dichlorobenzidine	98	96	40 - 140	2	20		
2,4-Dichlorophenol	77	76	30 - 130	1	20		
Diethyl phthalate	93	89	40 - 140	5	20		
2,4-Dimethylphenol	73	73	30 - 130	0	20		
Dimethyl phthalate	83	83	40 - 140	0	20		
Di-n-butyl phthalate	100	95	40 - 140	5	20		
2,4-Dinitrophenol	94	100	30 - 130	7	20		
Fluoranthene	85	88	40 - 140	4	20		
2,4-Dinitrotoluene	93	95	40 - 140	2	20		
Fluorene	90	88	40 - 140	3	20		
2,6-Dinitrotoluene	93	100	40 - 140	7	20		
Di-n-octyl phthalate	88	72	40 - 140	19	20		
Hexachlorobenzene	68	73	40 - 140	7	20		
Hexachlorobutadiene	67	73	40 - 140	9	20		
Hexachlorocyclopentadiene	38	44	40 - 140	16	20	*	

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-263897

Method: 8270
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-263897/2-A	Analysis Batch:	460-266224	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-263897	Lab File ID:	M87463.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	12/01/2014 1945	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-263897/3-A	Analysis Batch:	460-266224	Instrument ID:	CBNAMS6
Client Matrix:	Water	Prep Batch:	460-263897	Lab File ID:	M87464.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	250 mL
Analysis Date:	12/01/2014 2247	Units:	mg/L	Final Weight/Volume:	2 mL
Prep Date:	11/19/2014 1617			Injection Volume:	5 uL
Leach Date:	N/A				

Analyte	% Rec. LCS	% Rec. LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
Indeno[1,2,3-cd]pyrene	92	101	40 - 140	9	20		
Hexachloroethane	60	64	40 - 140	6	20		
2-Methylnaphthalene	73	72	40 - 140	1	20		
Isophorone	72	75	40 - 140	5	20		
2-Methylphenol	54	55	30 - 130	2	20		
4-Methylphenol	49	47	30 - 130	4	20		
Naphthalene	72	74	40 - 140	2	20		
2-Nitroaniline	87	82	40 - 140	7	20		
3-Nitroaniline	82	78	40 - 140	5	20		
4-Nitroaniline	98	100	40 - 140	2	20		
Nitrobenzene	75	73	40 - 140	2	20		
2-Nitrophenol	80	81	30 - 130	2	20		
N-Nitrosodiphenylamine	82	88	40 - 140	7	20		
N-Nitrosodi-n-propylamine	73	74	40 - 140	2	20		
Pentachlorophenol	69	81	30 - 130	15	20		
Phenanthrene	86	83	40 - 140	3	20		
Phenol	31	34	30 - 130	9	20		
Pyrene	85	81	40 - 140	5	20		
Pyridine	38	37	40 - 140	4	20	*	*
2,2'-oxybis[1-chloropropane]	72	73	40 - 140	2	20		
1,2,4-Trichlorobenzene	64	73	40 - 140	12	20		
4,6-Dinitro-2-methylphenol	84	89	30 - 130	6	20		
2,4,5-Trichlorophenol	80	80	30 - 130	1	20		
4-Chloro-3-methylphenol	75	78	30 - 130	5	20		
2,4,6-Trichlorophenol	82	85	30 - 130	4	20		
4-Nitrophenol	34	34	30 - 130	0	20		
Bis(2-chloroethoxy)methane	82	83	40 - 140	1	20		
1,2,4,5-Tetrachlorobenzene	68	75	40 - 140	10	20		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
Nitrobenzene-d5 (Surr)	79	78	30 - 130
Phenol-d5 (Surr)	25	27	15 - 110
Terphenyl-d14 (Surr)	79	86	30 - 130
2,4,6-Tribromophenol (Surr)	79	102	15 - 110
2-Fluorophenol (Surr)	43	44	15 - 110
2-Fluorobiphenyl	74	78	30 - 130

Client: Weston Solutions, Inc.

Job Number: 460-86148-1

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-263897

Method: 8270
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-263897/2-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 460-263897/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/01/2014 1945			Analysis Date:	12/01/2014 2247
Prep Date:	11/19/2014 1617			Prep Date:	11/19/2014 1617
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual		LCSD Result/Qual
Acenaphthylene	0.0800	0.0800	0.0602		0.0650
Acenaphthene	0.0800	0.0800	0.0671		0.0664
Anthracene	0.0800	0.0800	0.0635		0.0639
Benzo[a]anthracene	0.0800	0.0800	0.0683		0.0718
Benzo[b]fluoranthene	0.0800	0.0800	0.0660		0.0690
Benzo[g,h,i]perylene	0.0800	0.0800	0.0715		0.0763
Benzo[k]fluoranthene	0.0800	0.0800	0.0654		0.0686
Benzo[a]pyrene	0.0800	0.0800	0.0669		0.0691
Aniline	0.0800	0.0800	0.0366		0.0385
Bis(2-chloroethyl)ether	0.0800	0.0800	0.0531		0.0544
Bis(2-ethylhexyl) phthalate	0.0800	0.0800	0.0736		0.0685
4-Bromophenyl phenyl ether	0.0800	0.0800	0.0568		0.0683
Chrysene	0.0800	0.0800	0.0733		0.0775
Butyl benzyl phthalate	0.0800	0.0800	0.0753		0.0734
Carbazole	0.0800	0.0800	0.0776		0.0778
Dibenz(a,h)anthracene	0.0800	0.0800	0.0807		0.0806
4-Chloroaniline	0.0800	0.0800	0.0555		0.0523
2-Chloronaphthalene	0.0800	0.0800	0.0576		0.0583
2-Chlorophenol	0.0800	0.0800	0.0540		0.0551
4-Chlorophenyl phenyl ether	0.0800	0.0800	0.0635		0.0641
Dibenzofuran	0.0800	0.0800	0.0736		0.0746
3,3'-Dichlorobenzidine	0.0800	0.0800	0.0784		0.0766
2,4-Dichlorophenol	0.0800	0.0800	0.0619		0.0611
Diethyl phthalate	0.0800	0.0800	0.0745		0.0711
2,4-Dimethylphenol	0.0800	0.0800	0.0582		0.0583
Dimethyl phthalate	0.0800	0.0800	0.0662		0.0664
Di-n-butyl phthalate	0.0800	0.0800	0.0801		0.0760
2,4-Dinitrophenol	0.160	0.160	0.150		0.161
Fluoranthene	0.0800	0.0800	0.0677		0.0701
2,4-Dinitrotoluene	0.0800	0.0800	0.0748		0.0760
Fluorene	0.0800	0.0800	0.0721		0.0702
2,6-Dinitrotoluene	0.0800	0.0800	0.0742		0.0798
Di-n-octyl phthalate	0.0800	0.0800	0.0701		0.0577
Hexachlorobenzene	0.0800	0.0800	0.0544		0.0584
Hexachlorobutadiene	0.0800	0.0800	0.0532		0.0582
Hexachlorocyclopentadiene	0.0800	0.0800	0.0303	*	0.0354
Indeno[1,2,3-cd]pyrene	0.0800	0.0800	0.0738		0.0809
Hexachloroethane	0.0800	0.0800	0.0479		0.0511
2-Methylnaphthalene	0.0800	0.0800	0.0583		0.0580

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-263897

Method: 8270
Preparation: 3510C

LCS Lab Sample ID:	LCS 460-263897/2-A	Units:	mg/L	LCSD Lab Sample ID:	LCSD 460-263897/3-A
Client Matrix:	Water			Client Matrix:	Water
Dilution:	1.0			Dilution:	1.0
Analysis Date:	12/01/2014 1945			Analysis Date:	12/01/2014 2247
Prep Date:	11/19/2014 1617			Prep Date:	11/19/2014 1617
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
Isophorone	0.0800	0.0800	0.0573	0.0601
2-Methylphenol	0.0800	0.0800	0.0435	0.0442
4-Methylphenol	0.0800	0.0800	0.0391	0.0377
Naphthalene	0.0800	0.0800	0.0579	0.0591
2-Nitroaniline	0.0800	0.0800	0.0697	0.0653
3-Nitroaniline	0.0800	0.0800	0.0655	0.0625
4-Nitroaniline	0.0800	0.0800	0.0784	0.0803
Nitrobenzene	0.0800	0.0800	0.0598	0.0588
2-Nitrophenol	0.0800	0.0800	0.0637	0.0651
N-Nitrosodiphenylamine	0.0800	0.0800	0.0659	0.0704
N-Nitrosodi-n-propylamine	0.0800	0.0800	0.0581	0.0591
Pentachlorophenol	0.160	0.160	0.111	0.130
Phenanthrene	0.0800	0.0800	0.0688	0.0666
Phenol	0.0800	0.0800	0.0251	0.0275
Pyrene	0.0800	0.0800	0.0680	0.0644
Pyridine	0.0800	0.0800	0.0307 *	0.0295 *
2,2'-oxybis[1-chloropropane]	0.0800	0.0800	0.0573	0.0586
1,2,4-Trichlorobenzene	0.0800	0.0800	0.0513	0.0581
4,6-Dinitro-2-methylphenol	0.160	0.160	0.135	0.143
2,4,5-Trichlorophenol	0.0800	0.0800	0.0640	0.0636
4-Chloro-3-methylphenol	0.0800	0.0800	0.0597	0.0627
2,4,6-Trichlorophenol	0.0800	0.0800	0.0655	0.0684
4-Nitrophenol	0.160	0.160	0.0548	0.0548
Bis(2-chloroethoxy)methane	0.0800	0.0800	0.0652	0.0661
1,2,4,5-Tetrachlorobenzene	0.0800	0.0800	0.0545	0.0603

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Method Blank - Batch: 460-262853 **Method: CT ETPH**
Preparation: 3546

Lab Sample ID:	MB 460-262853/1-A	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-262853	Lab File ID:	2F010931.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/18/2014 1336	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
C9-C36	1.1	U	1.1	5.0

Surrogate	% Rec	Acceptance Limits
o-Terphenyl	96	50 - 150

Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-262853 **Method: CT ETPH**
Preparation: 3546

LCS Lab Sample ID:	LCS 460-262853/2-A	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-262853	Lab File ID:	2F010932.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/18/2014 1349	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL
Leach Date:	N/A				

LCSD Lab Sample ID:	LCSD 460-262853/3-A	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-262853	Lab File ID:	2F010933.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0000 g
Analysis Date:	11/18/2014 1401	Units:	mg/Kg	Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	LCS	LCSD	Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
C9-C36	73	72	60 - 120	1	30		

Surrogate	LCS % Rec	LCSD % Rec	Acceptance Limits
o-Terphenyl	97	93	50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-262853

Method: CT ETPH
Preparation: 3546

LCS Lab Sample ID:	LCS 460-262853/2-A	Units: mg/Kg		LCSD Lab Sample ID:	LCSD 460-262853/3-A
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/18/2014 1349			Analysis Date:	11/18/2014 1401
Prep Date:	11/14/2014 2001			Prep Date:	11/14/2014 2001
Leach Date:	N/A			Leach Date:	N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
C9-C36	100	100	73.0	72.2

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262853

Method: CT ETPH
Preparation: 3546

MS Lab Sample ID:	460-86148-3	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-262853	Lab File ID:	2F010934.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0230 g
Analysis Date:	11/18/2014 1414			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL
Leach Date:	N/A				

MSD Lab Sample ID:	460-86148-3	Analysis Batch:	460-263532	Instrument ID:	CBNAGC2
Client Matrix:	Solid	Prep Batch:	460-262853	Lab File ID:	2F010935.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.0228 g
Analysis Date:	11/18/2014 1427			Final Weight/Volume:	1 mL
Prep Date:	11/14/2014 2001			Injection Volume:	1 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C9-C36	79	73	50 - 150	8	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
o-Terphenyl	86	87	50 - 150

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-262853

Method: CT ETPH
Preparation: 3546

MS Lab Sample ID:	460-86148-3	Units:	mg/Kg	MSD Lab Sample ID:	460-86148-3
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/18/2014 1414			Analysis Date:	11/18/2014 1427
Prep Date:	11/14/2014 2001			Prep Date:	11/14/2014 2001
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
C9-C36	1.3	U	116	116	91.5	84.8

Client: Weston Solutions, Inc. Job Number: 460-86148-1

Duplicate - Batch: 460-263212

Method: Moisture
Preparation: N/A

Lab Sample ID:	460-86148-4	Analysis Batch:	460-263212	Instrument ID:	No Equipment Assigned
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/17/2014 0912	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	12.2	12.3	0.6	20	
Percent Solids	87.8	87.7	0.08	20	

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460-86148 Chain of Custody

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CHAIN OF CUSTODY / ANALY

Name (for report and invoice) Jim Soukup	Samplers Name (Printed) Kathleen Soukup	Site/Project Identification PSEG Bridgeport
Company Weston Solutions	P. O. # 0087200	State (Location of site): NJ: ☐ NY: ☐ Other: CT
Address 45 Constitution Ave, Suite 10	Analysis Turnaround Time: Standard ☒	Regulatory Program: CT DEEP RSR
City Concord State NH	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	LAB USE ONLY Project No:
Phone 603-656-5480 Fax 603-315-4563		Job No: 86148

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC 8260B	SVOC 8270	ETPH (CT)	SPLP SVOC	% Solids		SPLP VOC			VOC-TRIP BLANK		Sample Numbers
TB-111214	11/4/14	(lab)	W	2										X		-1
SB-85 (1-2)	11/12/14	1130	S	5	X	X	X	X	X							-2
SB-86 (4-5)	11/12/14	0915	S	5	X	X	X	X	X							-3
SB-86 (6-7)		0920	S	5	X	X	X	X	X							-4
SB-87 (2-3)		1005	S	5	X	X	X	X	X							-5
SB-87 (5-6)		1010	S	5	X	X	X	X	X							-6
SB-88 (5-6)		0940	S	5	X	X	X	X	X							-7
SB-88 (6.5-7.5)		0945	S	7	X	X	X	X	X		X					-8
SB-89 (5-6)		1050	S	5	X	X	X	X	X							-9
SB-89 (6-7)	11/12/14	1055	S	5	X	X	X	X	X							-10
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil:					1,6,7	1	1	1	1		1					
6 = Other DI H_2O, 7 = Other MeOH — Water:														1,2		

Terracon
SHORT HOLD

Special Instructions Detection limits must meet lowest CT DEEP RSR

Water Metals Filtered (Yes/No)? ___

Relinquished by	Company	Date / Time	Received by	Company
1)	Weston Solutions	11/12/14 1400	1) Melissa Haas	TA
Relinquished by 2)	Company TZS	Date / Time 11/12/14 1714	Received by 2)	Company
Relinquished by 3)	Company	Date / Time 11/13/14 0730	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4) IR#5 0.2/2.2°C	Company 11/13/14 0730

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

TAL - 0016 (0814)

Massachusetts (M-NJ312), North Carolina (No. 578)

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Name (for report and invoice)	Samplers Name (Printed)	Site/Project Identification
JIM Soukup	Kathleen Soukup	PSEG Bridgeport
Company: Weston Solutions	P. O. # OU 87200	State (Location of site): NJ: ☐ NY: ☐ Other: CT
		Regulatory Program: CT DEEP RSR
Address: 45 Constitution Ave, Suite 100	Analysis Turnaround Time: Standard ☒	LAB USE ONLY Project No:
City: Concord State: NH	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	Job No: 16148
Phone: 603-056-5480 Fax: 603-315-4563		

Sample Identification	Date	Time	Matrix	No. of Cont.	VOC 8260B	SVOC 8270	ETPH (CT)	SPLP SVOC	% solids	Sample Numbers
SB-90 (1-2)	11/12/14	1205	S	5	X	X	X	X	X	-11
SB-90 (4-5)		1210	S	5	X	X	X	X	X	-12
SB-90 (6-7)		1220	S	5	X	X	X	X	X	-13
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH — Soil:					1,6,7	1	1	1	1	
6 = Other _____, 7 = Other _____ — Water:										

Special Instructions See page 1

Water Metals Filtered (Yes/No)? _____

Relinquished by	Company	Date / Time	Received by	Company
1)	Weston Solutions	11/12/14 1400	1) Melissa Haas	TA
2)	WST	11/12/14 1714	2) Fedex	→
3) Fedex		11/13/14 09:30	3)	TA
4)			4)	11/13/14 09:30

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132).

Massachusetts (M-NJ312), North Carolina (No. 578)

TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 86148

Number of Coolers: 1 IR Gun # 5

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.2 °C	2.2 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: _____ Date: 12/13/14

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 460-86148-1

Login Number: 86148

List Source: TestAmerica Edison

List Number: 1

Creator: Rivera, Kenneth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.2°C, IR #5
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.

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Exhibit 7 - Status of Fuel Oil Dock Repair Project

The repair of the Fuel Oil Dock will be initiated in 2018. A detailed schedule has not been determined at this time and the detail engineering has not been started. The project is not critical to any near term BHS Unit 3 or BHS 5 needs and as such, is being scheduled at a later date for resource leveling purposes. In addition, another consideration is to assure that PSEG can avoid any interference with the construction of BHS 5 along the southern edge of the site. Civil construction of the retaining wall, fill, stormwater outfall, etc. on the southern portion of the site will be completed prior to the initiation of fuel oil dock repairs.

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Exhibit 8 - Offsite Construction Support Facility (leases, laydown and parking)

The construction execution planning process (summarized in Exhibit 1) includes the use of onsite, PSEG-owned "offsite" properties, and leased offsite properties. The final leasing arrangements for offsite properties have not been finalized, but are expected to include properties near the Project site, and two properties located approximately 1 ½ miles from the site.

All of the land anticipated for laydown, storage, and parking has previously or is currently used for similar activities. The potential lease properties are fenced (some repairs are required), are generally gravel or paved surfaces, and have onsite / near-site electricity. The PSEG-owned properties are used for parking and laydown currently for activities associated with BHS Unit 3; they will be used for the same general purposes for the support of BHS 5 construction.

Site preparation activities for the offsite properties are expected to be negligible to minimal. Fencing and gates will be repaired, as will existing lighting. Site security for laydown and parking will include small modular guard shack(s) at the routinely used access gates. Roving security may be deployed for evening and off-hour periods to assure both safety and physical asset protection.

PSEG is working to acquire lease agreements for the duration of the construction period. PSEG anticipates that leased properties will be "use-ready" with the leased properties in a condition that can be used by PSEG with only surficial improvements (i.e. parking bumpers, laydown dunnage, fence repairs, lighting and other security features, etc.). Therefore, no substantive improvements are expected to be required.

To summarize, the laydown, storage, and parking requirements of the BHS Unit 5 project will include onsite, PSEG-owned offsite, and nearby offsite leased land. Improvements are expected to be minimal (i.e. maintenance activities) and the use of these properties allows lease costs to be allocated within the community.

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Exhibit 9 - Construction Support Facility and Existing Condition Drawings

a. 191547-5GAU-G1000 OVERALL SITE PLOT PLAN
b. 191547-5STF-S3000 KEY PLAN & GENERAL NOTES & LEGEND
c. 191547-5STF-S3004A GRADING & DRAINAGE
d. 191547-5STE-S3100 KEY PLAN, GENERAL NOTES & LEGEND
e. 191547-5STE-S3101 EROSION CONTROL
f. 191547-5STE-S3102 EROSION CONTROL
g. 191547-5STE-S3103 EROSION CONTROL
h. 191547-5STF-S3915A SECURITY FENCE SECTIONS & DETAILS
i. 191547-5STF-S3915B SECURITY FENCE SECTIONS & DETAILS
j. 191547-5STE-S3920A EROSION CONTROL SECTION & DETAILS
k. 191547-5STE-S3920B EROSION CONTROL SECTION & DETAILS
l. 191547-5STE-S3920C EROSION CONTROL SECTION & DETAILS
m. 191547-DS-1041 CONSTRUCTION AREA KEY PLAN
n. 191547-DS-1041A CONSTRUCTION AREA PLAN
o. 191547-DS-1041B CONSTRUCTION AREA PLAN
p. 191547-DS-1042A LOCATION PLAN FOR PROPOSED BARGE MOORING AREAS
q. 191547-DS-1042B PLAN AND CROSS-SECTION OF BARGE AREA #1
r. 191547-DS-1042C PLAN AND CROSS-SECTION OF BARGE AREA #2
s. 191547-DS-1042D PLAN AND CROSS-SECTION OF BARGE AREA #3
t. 191547-DS-1042E PLAN AND CROSS-SECTION OF BARGE AREA #1
u. 191547-DE-E2950 CONSTRUCTION LIGHTING OVERALL SITE ARRANGEMENT
v. 191547-DE-E2951 CONSTRUCTION LIGHTING OVERALL SITE ARRANGEMENT

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Exhibit 10 - Anticipated Truck Access Routes

The expected truck access routes to the BHS Unit 5 site, specific to the "high" vehicle routing is included below. The height limits of the Amtrak / Metro North / Northeast Corridor rail line are taken into account as there are several routes where truck traffic is not possible. Most delivery trucks will be provided with specific routing and gate information in advance. The attached shows routes only to the current Atlantic Street gate; it is expected that both the Kiefer Street and Henry Street entrances will be used for access to the site as well. Note that these two additional gates are currently used as necessary by PSEG for day-to-day needs at the existing station.

Additionally, PSEG anticipates that most trucks will be initially directed to specific laydown areas for offloading. These may be either onsite or offsite. PSEG will limit deliveries during peak hours, will not allow queuing at gates during off hours, and will enforce idling restrictions.

DIRECTIONS TO:
PSEG POWER CONNECTICUT,
BRIDGEPORT HARBOR STATION

1 Atlantic Street, Bridgeport, CT 06604

FOR HIGH CLEARANCE TRUCKS

(see attached map)

FROM I-95 SOUTHBOUND

Exit 26 – WORDIN AVENUE EXIT
Left at bottom of the ramp
After passing under highway bridge, TURN LEFT ONTO PINE STREET
(this might appear to put you back onto I-95 north, but you must bear right onto Pine Street without getting onto highway ramp).
Go straight on PINE ST to ADMIRAL ST. (paralleling I-95)
Right onto IRANISTAN AVENUE
Left onto ATLANTIC STREET(1st Stop SIGN)
Guardhouse is at end of Atlantic Street

FROM I-95 NORTHBOUND

Exit 26 – WORDIN AVENUE EXIT
Straight off ramp onto PINE STREET
CONTINUE GOING STRAIGHT ON PINE STREET after Wordin Av.
(this might appear to put you back onto I-95 north, but you must bear right onto Pine Street without getting onto highway ramp).
Go straight on PINE ST to ADMIRAL ST. (paralleling I-95)
Right onto IRANISTAN AVENUE
Left onto ATLANTIC STREET (1st Stop SIGN)
Guardhouse is at end of Atlantic Street

DIRECTIONS TO I-95 FROM BRIDGEPORT HARBOR STATION

From Guardhouse, take ATLANTIC STREET, 1 Block to MAIN ST.
Left on MAIN STREET
At Park Entrance (just past UNIVERSITY AV), turn right at ½ circle to BROAD ST.
(this is a wide 180° turn)
Left on GREGORY ST.
Right on IRANISTAN AV.
Left on WASHBURN ST.
At WORDIN AV.
For I-95 SOUTH: Bear left/straight onto ramp.
For I-95 NORTH: turn left on WORDIN AV, go under Highway Bridge, left onto entrance ramp.

Railroad Bridge Underpass Clearances
(Area of Bridgeport Harbor Station)

Broad St	**12’4”**
Lafayette St.	**11’3”**
Warren St.	**11’1”**
Myrtle Av.	**11’2”**
Park Av.	**12’7”**
South Av.	**11’7”**
Iranistan Av.	**13’1”**

Highway Bridge Underpass Clearance

Wordin Av.	**14’5”**



Legend

- To I-95
- From I-95 South
- From I-95 North
- Project Site Property Boundary

0 1,500 3,000 Feet

1 inch = 1,500 feet

N

Service Layer Credits: Street layers and base aerial obtained from the USDA Geospatial Data Gateway.

AKRF
307 Fellowship Rd., Suite 214
Mt Laurel, NJ 08054
856-797-9930

HIGH CLEARANCE TRUCK ROUTES

PSEG POWER CONNECTICUT, LLC
BRIDGEPORT HARBOR STATION
BRIDGEPORT, FAIRFIELD COUNTY, CT

FIGURE 1	MARCH 25, 2016

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Exhibit 11 - Status of The United Illuminating Company Exempt Modification Request

PSEG and The United Illuminating Company (UI) project management have had ongoing discussions regarding the planned 345 KV Generator Lead from BHS 5 to the Singer Substation. UI has indicated that its intention is to file an Exempt Modification request, but the timing has not been determined at this time. It is expected that the Exempt Modification request to the Connecticut Siting Council will be filed in adequate time to assure review and approval well before the construction need date. The completion date for the 345 KV circuit is expected to be prior to summer 2018.

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Exhibit 12 - Temporary Construction Support Facilities - Barge Delivery Temporary Modifications, Pre-NSR Permit Temporary Installation Scope, Temporary Office Facilities, and Geotechnical Investigations

Barge Delivery Temporary Modifications

Exhibit 9 includes drawings that depict the barge unloading plans for bulk material (fill) and large equipment such as the HRSG and turbines. Three barge unloading locations are shown; PSEG anticipates that all three may be used at certain times during the project. Soil erosion and sediment control provisions are shown and a CT DEEP General Permit for Coastal Maintenance will be filed to address any temporary impacts resulting from offloading requirements. PSEG expects that spud barges will be used.

PSEG is currently implementing a similar "sister" project at its Sewaren Generating Station in Sewaren, New Jersey, referred to as Sewaren Unit 7. The bulk material unloading approach planned for BHS 5 construction is the same as that being implemented at Sewaren Unit 7. Photos of the bulk material unloading are included below. PSEG will use a similar design, similar equipment and the appropriate natural resource protection features at BHS 5.

PSEG intends to begin preparations the site for bulk material deliveries by January 2, 2017.



PSEG Sewaren Unit 7 Construction – on shore material handling



PSEG Sewaren Unit 7 – bulk material offloading (BHS 5 is similar)



PSEG Sewaren Unit 7 – panoramic view of bulk material offloading

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Pre-NSR Permit Temporary Installation Scope

PSEG has discussed the extent of certain activities allowable prior to the issuance of the NSR permit for the proposed BHS 5 with CT DEEP. Specifically, this includes the installation of temporary construction trailers (that may require shallow footings), installation of underground power, water, sewer, and communication lines to the trailers (will involve minor trenching), and a temporary underground sanitary discharge line and pump station prior to the issuance of the NSR permit. The sanitary line may be repurposed and become permanent for future wastewater disposal for BHS 5.

Section 22a-174-3a of the Regulations of Connecticut State Agencies (RCSA) does not preclude the commencement of the activities described below. Changes from the listing below will be discussed and aligned with CT DEEP prior to field work.

CT DEEP has confirmed that the following limited activities are allowed prior to the issuance of the NSR permit:

1. Installation of temporary trailers, with shallow footings as needed.
2. Installation of temporary underground power lines to the trailers.
3. Installation of sewer lines to the trailers.
4. Installation of underground water supply line to the trailers.
5. Installation of underground communication lines (internet and phone) to the trailers.
6. Installation of a sanitary line and temporary underground pump station.
7. Installation of temporary gates / fencing, silt fencing, and temporary construction signs and directional guidance signs, including post holes, which will be installed with minimal excavation with small augers.
8. Installation of security features at on-site and off-site including, but not limited to: fencing repairs; above-ground placement of parking bumpers and Jersey Barriers as needed; installation of modular guard shacks; and installation of pole mounted lighting. Most poles are in place; a limited number (approximately 25) may need to be added, which may require minimal excavation with augers.
9. Placement of gravel and light grading, as necessary, to smooth existing surface features. These areas are used for parking and laydown currently.
10. Installation of temporary stormwater control Best Management Practice features, specifically silt fences and hay bales. The silt fencing may require some minimal excavation, in the form of a six inch wide groove.
11. Preparation of the temporary barge unloading areas to allow for the delivery of bulk fill. An Application for a General Permit for Coastal Maintenance for this activity was filed with the Office of Long Island Sound Programs (OLISP) on August 31, 2016. The scope of the temporary barge unloading area activities includes placement of above-ground Jersey Barriers, other above-ground personnel safety barriers, above-ground crane mats, and silt fencing. The silt fencing may require some minimal excavation, in the form of a six inch wide groove. A suspended turbidity curtain and preventive in-water booming will need to be installed to assure that any barge delivery of bulk materials does not result in in-water impacts. Once the bulk fill arrives (which will be limited in volume due to on-site space

restraints), it will be stockpiled on-site subject to the appropriate Soil Erosion and Sediment Controls.

PSEG expects to proceed with these limited activities prior to the issuance of the NSR permit, subject to other pre-requisites, including approval of this D&MP Phase 1 and other required approvals from the City of Bridgeport.

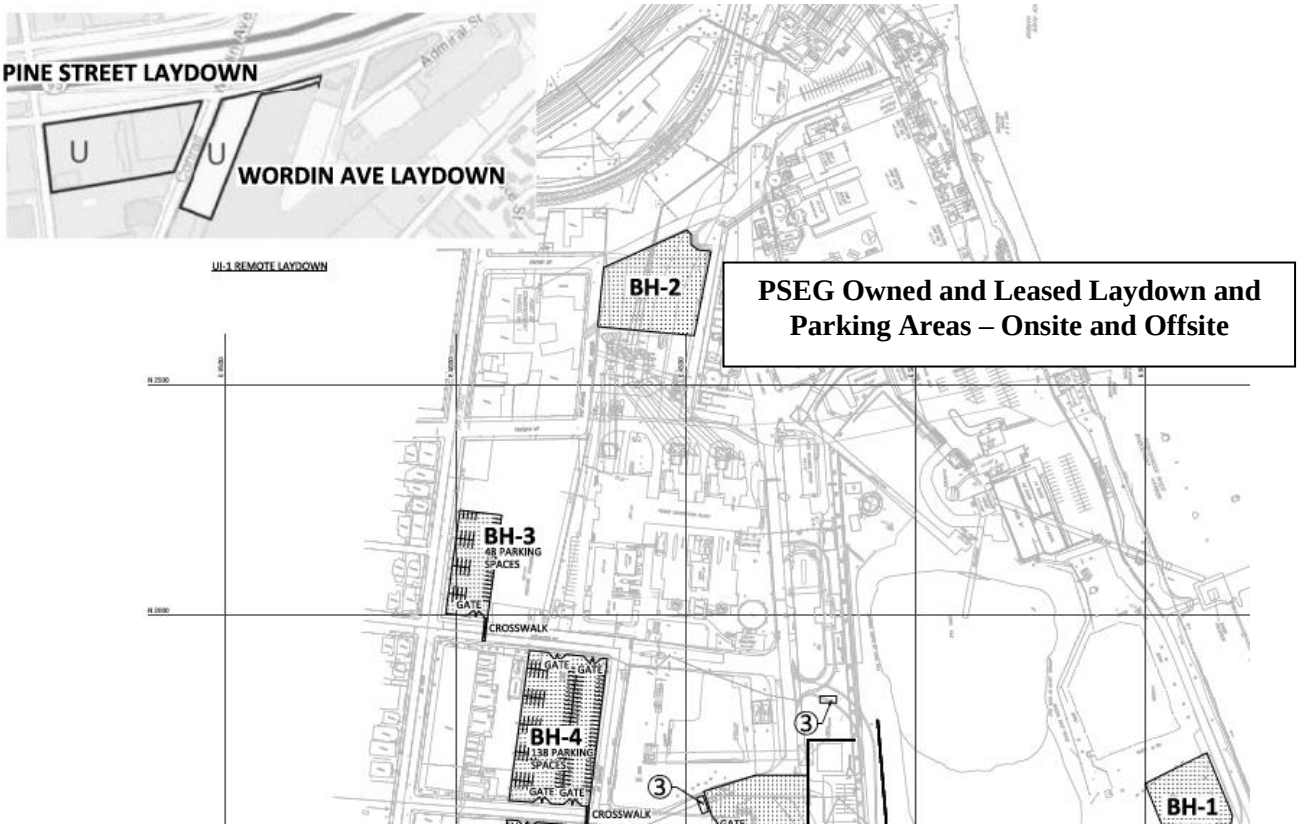
Temporary Office Facilities

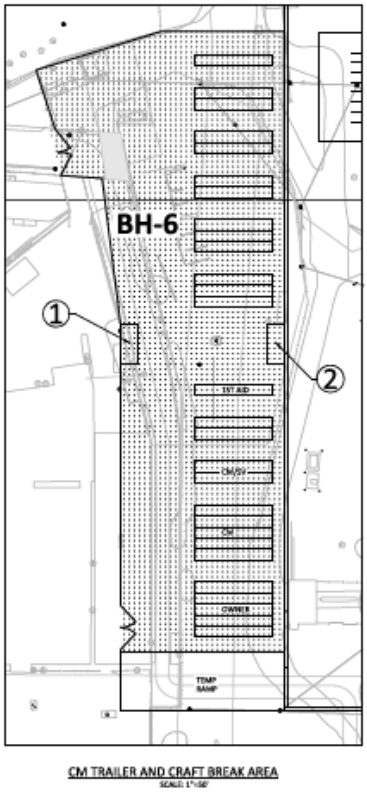
Geotechnical and site investigation work, as well as the detailed engineering associated with the initial stages of construction, are in process. PSEG intends to install construction trailers in the area designated as BH-5 and BH-6 on the drawing included in Exhibit 9 (Construction Area Plan: Drawing No. 191547-DS-1041). Specifically, PSEG is requesting via this D&MP Phase 1 submittal that an expeditious Connecticut Siting Council approval for an initial construction trailer (five-wide) be authorized as a means to house the site investigation and engineering team. The requested date for this limited approval is October 21, 2016.

PSEG is also evaluating whether single height, or stacked "Conex" type office trailers will be used. Examples of these are shown in the photographs below from another PSEG combined cycle project in Maryland. Regardless of whether single height or double height trailers are selected, installation of trailers (beyond the first five-wide noted above) is expected to begin by January 2, 2017.



PSEG Keys Combined Cycle Plant (Maryland) – Temporary Office Facilities


PINE STREET LAYDOWN
WORDIN AVE LAYDOWN
U
U
U1-1 REMOTE LAYDOWN
BH-2
BH-3
48 PARKING SPACES
GATE
CROSSWALK
BH-4
138 PARKING SPACES
GATE GATE
CROSSWALK
BH-1
PSEG Owned and Leased Laydown and Parking Areas – Onsite and Offsite



Conceptual Trailer Layout for BHS 6 Temporary Facilities Area Immediately West of the BHS 5 Site

Geotechnical Investigations

As noted in Exhibit 1, the initial geotechnical evaluation of the site has identified a weak subsurface soil layer and therefore, based on this preliminary data, soil improvements are expected to be necessary to reduce settlement. There are multiple potential solutions that PSEG is evaluating, including stockpiling of soil with the appropriate properties for blending with the existing soil, and / or subsurface injection of grout to strengthen the weaker soil layers. The decision as to which of these broad solutions will be based primarily on the level of soil strengthening necessary to support the foundation loads adequately. If grouting methods are used, a temporary onsite, portable grout plant will be evaluated. The geotechnical studies are continuing.

Any stockpiling would be conducted within the footprint of the retaining wall, or in designated onsite laydown areas, with delivery of the bulk soil materials by barge. Should grout be the selected option, a temporary grout batch plant will be evaluated, as a means to reduce short duration truck traffic through the City. The duration of service for the batch plant is expected to be approximately two to four months. This temporary batch plant is not intended for use for the structural concrete associated with construction of Unit 5. The batch plant will be placed either on a barge, or in the BH-1 Staging Area. Bulk materials (fine aggregate) will be delivered to the site via barge for transfer to the temporary batch plant storage silos. Cement may be delivered by over-the-road tank trucks.

PSEG anticipates that the timing of the delivery, set-up, mix design, testing and certification of the temporary batch plant, if required, will follow alignment discussions with the CT DEEP and may precede the NSR permit. Upon receipt of the NSR permit from CT DEEP, PSEG would be then able to immediately begin implementation of the soil strengthening scope.

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Exhibit 13 - U.S. Army Corps of Engineers Jurisdictional Determination

US Army Corps
of Engineers ®
New England District

PRELIMINARY JURISDICTIONAL DETERMINATION FORM

BACKGROUND INFORMATION

1. **Report completion date for Preliminary Jurisdictional Determination (JD):** 8/1/16

2. **Name and Address of Person Requesting Preliminary JD:**

AKRF Environmental and Planning Consultants
Attention: Jacqueline Fusco
307 Fellowship Road
Suite 214
Mt. Laurel, NJ 08054

PSEG Power Connecticut LLC
Bridgeport harbor Station
Block 542, Lot 22
City of Bridgeport, Fairfield County, Connecticut

3. **District office, file name and number: PSEG Power Connecticut, LLC – Bridgeport Harbor Generating Station**

4. **Project location(s) and background information: Bridgeport Harbor 41°10'4.73"N, 73°10'46.21"W**

See attached table of waters and wetlands

State: CT County: Bridgeport City:
Coordinates of site (lat/long in degree decimal format):
Lat. 41°10'4.73"N, Long. 73°10'46.21"W
Universal Transverse Mercator:
Name of nearest waterbody: Long Island Sound

Identify (estimate) amount of waters in the review area:
Non-wetland waters: linear feet: width (ft) and/or . acres.
Cowardin Class:
Stream Flow:
Wetlands: 3.4 acres
Cowardin Class: Palustrine

Name of any water bodies on the site that have been identified as Section 10 waters:
Tidal: 3.4 Acres
Non-Tidal:

5. **Review performed for site evaluation (check all that apply):**

■ Office (Desk) Determination. Date: 8/1/2016

☐ Field Determination. Date(s):

a. The Corps of Engineers believes that there may be jurisdictional waters of the United States on the subject site, and the permit applicant or other affected party who requested this preliminary JD is hereby advised of his or her option to request and obtain an approved jurisdictional determination (JD) for that site. Nevertheless, the permit applicant or other person who requested this preliminary JD has declined to exercise the option to obtain an approved JD in this instance and at this time.

b. In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an approved JD for the activity, the permit applicant is hereby made aware of the following: (1) the permit applicant has elected to seek a permit authorization based on a preliminary JD, which does not make an official determination of jurisdictional waters; (2) that the applicant has the option to request an approved JD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an approved JD could possibly result in less compensatory mitigation being required or different special conditions; (3) that the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization; (4) that the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary; (5) that undertaking any activity in reliance upon the subject permit authorization without requesting an approved JD constitutes the applicant's acceptance of the use of the preliminary JD, but that either form of JD will be processed as soon as is practicable; (6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a preliminary JD constitutes agreement that all wetlands and other water bodies on the site affected in any way by that activity are jurisdictional waters of the United States, and precludes any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and (7) whether the applicant elects to use either an approved JD or a preliminary JD, that JD will be processed as soon as is practicable. Further, an approved JD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331, and that in any administrative appeal, jurisdictional issues can be raised (see 33 C.F.R. 331.5(a)(2)). If, during that administrative appeal, it becomes necessary to make an official determination whether CWA jurisdiction exists over a site, or to provide an official delineation of jurisdictional waters on the site, the Corps will provide an approved JD to accomplish that result, as soon as is practicable.

This preliminary JD finds that there *"may be"* waters of the United States on the subject project site, and identifies all aquatic features on the site that could be affected by the proposed activity, based on the following information:

c. **Supporting Data. Data reviewed for Preliminary JD -** checked items should be included in case file and, where checked and requested, appropriately reference sources below):

■ Maps, plans, plots or plat submitted by or on behalf of the applicant/consultant: PSEG Power Connecticut

■ Data sheets prepared/submitted by or on behalf of the applicant/consultant.

- [x] Office concurs with data sheets/delineation report.
- [ ] Office does not concur with data sheets/delineation report.

- [ ] Data sheets prepared by the Corps:
- [ ] Corps navigable waters' study:
- [ ] U.S. Geological Survey Hydrologic Atlas:
  - [ ] USGS NHD data.
  - [ ] USGS 8 and 12 digit HUC maps.
- [ ] U.S. Geological Survey map(s). Cite scale & quad name:
- [ ] USDA Natural Resources Conservation Service Soil Survey. Citation:
- [ ] National wetlands inventory map(s). Cite name:
- [ ] State/Local wetland inventory map(s):
- [ ] FEMA/FIRM maps:
- [ ] 100-year Floodplain Elevation is: (National Geodectic Vertical Datum of 1929)
- [x] Photographs: [x] Aerial (Name & Date): Google Earth 2016
  or [x] Other (Name & Date): Onsite Photos
- [ ] Previous determination(s). File no. and date of response letter:
- [ ] Other information (please specify):

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

8-1-16
NAME Date
Regulatory Project Manager

8/1/16
NAME Date
COMPANY IF APPLICABLE

Connecticut Siting Council – Development and Management Plan Phase 1
Construction and Support Facilities for Bridgeport Harbor Station Unit 5
Docket Petition No. 1218 (Approved July 21, 2016)
September 19, 2016

Exhibit 14 - Soil Erosion and Sedimentation Control (SESC) Plans

PSEG anticipates initiating site preparation activities related to soil erosion and sediment control installation during the initial construction of temporary construction facilities as required. The details are included in Exhibit 9.

Connecticut Siting Council – Development and Management Plan Phase 1
Construction and Support Facilities for Bridgeport Harbor Station Unit 5
Docket Petition No. 1218 (Approved July 21, 2016)
September 19, 2016

Exhibit 15 - General Update of Project Scope / Design

As noted in Exhibit 1, PSEG has engaged B&V, an international construction and engineering firm for the detail design and construction management of BHS 5. A Project team has been mobilized on site and is currently performing geotechnical investigations.

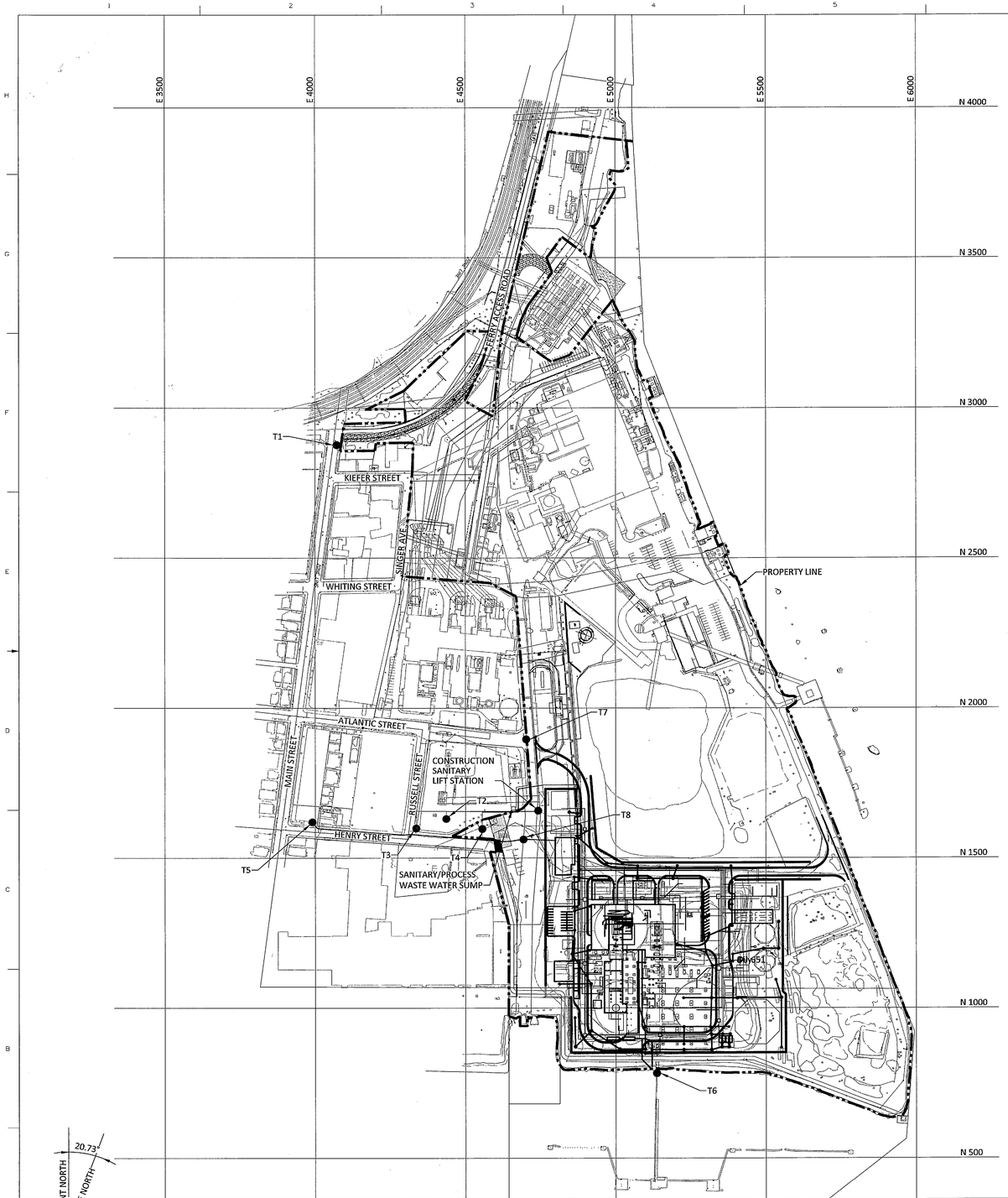
PSEG is developing temporary construction support facility plans as discussed throughout this D&MP Phase 1. The target for initial trailers and support facility development is early January 2017, so that construction can begin promptly upon receipt of the NSR air permit. As discussed in Exhibit 12, an initial approval for a five-wide modular trailer is requested for installation prior to January 2017.

Temporary utility routings, trailer park areas, laydown and parking are shown on the drawings included in Exhibits 9 and 12. To the degree allowable prior to receipt of the NSR air permit and upon approval of this D&MP Phase 1, PSEG intends to start installation of temporary construction support facilities, temporary barge unloading, and soil erosion and sediment control provisions.

There are minor changes in facility layout (compared to the details presented in the preliminary drawings included in the record in Petition No. 1218) that will be addressed in a comprehensive manner via D&MP Phase 2, currently scheduled for filing by October 31, 2016. The changes are characterized as relocation of out buildings and support facilities, final elevations and footprints, addition of a floor on the administration / services building, and other refinements in the design. The major structures have not been moved and the stack height is unchanged. Other changes are improvements to address regulatory matters that have been identified subsequent to the prior filings. As examples, the stormwater mechanical treatment device has been modified to a different model / brand, that is certified for Total Dissolved Solids removal at a level that meets the CT DEEP requirements, and the small auxiliary mechanical draft cooling tower has been moved further away from residential noise receptors. While not inclusive, these changes are illustrative of the types of design refinements that are in process.

These minor changes are noted conceptually in this Construction Support Facilities D&MP Phase 1 as the backgrounds on several of the drawings included with this package show slightly different building layouts.

PSEG intends to provide a comprehensive reconciliation of these changes in D&MP Phase 2.



FACILITIES LEGEND

ID	FACILITY	ARRANGEMENT	TIEDOWN LOCATION NORTH	TIEDOWN LOCATION EAST	REMARKS
–	SANITARY/PROCESS WASTE WATER SUMP	–	–	–	–
–	CONSTRUCTION SANITARY LIFT STATION	–	–	–	–

TERMINAL POINTS (APPLICABLE TO DWGS 5GAU–G1000 & G1001)

ID	NAME	REMARKS
T1	SANITARY/PROCESS WASTE WATER DISCHARGE	
T2	HIGH PRESSURE GAS	
T3	LOW PRESSURE GAS	
T4	SERVICE WATER	
T5	345 KV	
T6	STORMWATER OUTFALL	
T7	ACCESS ROAD	
T8	CONSTRUCTION POWER	

PROJECT SURVEY CONTROL

CONTROL MONUMENT LOCATIONS

MONUMENT NO.	PLANT COORDINATES NORTHING	PLANT COORDINATES EASTING	MONUMENT NO.	STATE PLANE COORDINATES NORTHING	STATE PLANE COORDINATES EASTING	ELEVATION	REMARKS
-	-	-	-	-	-	-	

NOTE: NEW BENCHMARKS ARE 5 FT X 12 INCH DIAMETER CONCRETE MONUMENTS WITH BRASS DISC IN TOP. HORIZONTAL CONTROL IS BASED ON THE CONNECTICUT PLANE COORDINATE SYSTEM NAD83 (2011) FEET. THE ELEVATIONS ARE BASED ON THE NAVD88 DATUM.

DESIGN NOTES:

1. NOTES APPLICABLE TO 5GAU-G1000 & G1001.
2. THIS DRAWING IS THE BASIS FOR THE SITE ARRANGEMENT AND IS SUBJECT TO REVISIONS AS A RESULT OF DETAILED DESIGN AND DUE TO VARIATIONS IN SUPPLIERS OF MAJOR EQUIPEMNT.
3. THE PROJECT PLANT GRID SYSTEM IS BASED ON THE CONNECTICUT STATE PLANE COORDINATE SYSTEM NAD83 (2011) FEET.TO CONVERT THE PLANT GRID TO STATE PLANE, ROTATE THE SITE CLOCKWISE ABOUT THE CENTERLINE OF THE HRSG STACK 20.73°, THEN ADD 620723.13 TO THE NORTHING AND ADD 876264.04 TO THE EASTING. PLANT GRID SYSTEM AND NOTED CONVERSION IS ONLY APPLICABLE TO THE LIMITS ON THIS DRAWING.
4. TO CONVERT FROM NAVD88 TO THE CITY OF BRIDGEPORT DATUM, ADD 14.6 TO NAVD88 ELEVATIONS TO MEET BRIDGEPORT DATUM.
5. THE PROPERTY BOUNDARY AND COORDINATES ARE BASED ON THE TOPOGRAPHIC SURVEY DRAWINGS VT-1 THRU VT-5, VS-1 REV 1, DATED 11/06/2015 BY DESIGN PROFESSIONALS.

NO	DATE	ACCT	DESCRIPTION	OWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.01950	PERMIT ISSUE	RJW	JJD	BMH	X	LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5

PLANT LAYOUT
GENERAL YARD
OVERALL SITE PLOT PLAN

ARRANGEMENT — DESIGN-CIVIL GENERAL

200' 100' 0 200' 400'
1"=200'

ISSUED FOR PERMITTING

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

Project Location:
Fairfield County, CT

BLACK & VEATCH
Building a world of difference®
Corporate Headquarters:
11401 Lamar Ave., Overland Park, KS 66211

PROJECT ENGINEERING DIVISION

PSEG
Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
REBECCA WILLIAMS	JERRY DYCK	BLIA HER
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-5GAU-G1000

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

Ø ISSUED FOR PERMITTING

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CONNECTICUT.
SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

MARK A. VANCE 27447 LICENSED PROFESSIONAL ENGINEER STATE OF CONNECTICUT

ANSI D SIZE

CONT. ____ FAB'R. ____ SPON. ____
ELEC. ____ CIVIL ____ OTHER ____

SPONSOR: T. MURPHY

VERSION: 0



ABBREVIATIONS APPLICABLE TO ALL S3000 DRAWINGS

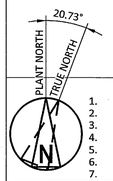
A	-	ARC LENGTH
AGG	-	AGGREGATE
APPROX	-	APPROXIMATE
ASPH	-	ASPHALT
AVG	-	AVERAGE
BLDG	-	BUILDING
B/MH	-	BOTTOM OF MANHOLE ELEVATION
BOD	-	BOTTOM OF ELECTRICAL DUCT BANK
BOP	-	BOTTOM OF PIPE
BU	-	BELL-UP
CHDPE	-	CORRUGATED HIGH DENSITY POLYETHYLENE PIPE
CJ	-	CONTRACTION JOINT
CL	-	CENTERLINE
CMP	-	CORRUGATED METAL PIPE
CO	-	CLEAN OUT
D	-	DEGREE OF CURVE
Δ	-	DELTA ANGLE OF HORIZONTAL CURVE
DI	-	DUCTILE IRON
DIA	-	DIAMETER
DIM	-	DIMENSION
DWG	-	DRAWING
E	-	EAST
EA	-	EACH
EF	-	EACH FACE
EGP	-	EDGE OF PAVEMENT
EGS	-	EDGE OF SHOULDER
EHH	-	ELECTRICAL HANDHOLE
EL	-	ELEVATION
EJ	-	EXPANSION JOINT
EW	-	EACH WAY
EXP	-	EXPANSION
FD	-	FLOOR DRAIN
FDN	-	FOUNDATION
FF	-	FINISHED FLOOR
FG	-	FINISHED GRADE
FRP	-	FIBER REINFORCED PIPE
FT	-	FOOT
HC	-	HANDICAPPED
HDPE	-	HIGH DENSITY POLYETHYLENE
HVCM	-	HORIZ & VERT CONTROL MONUMENT
HP	-	HIGH POINT
ID	-	INSIDE DIAMETER
IN	-	INCH
INV	-	INVERT
L	-	LENGTH
LC	-	LENGTH OF VERTICAL CURVE
LOD	-	LIMITS OF DISTURBANCE
LS	-	LIFT STATION
LTR	-	LATER
MATL	-	MATERIAL
MH	-	MANHOLE
MSL	-	MEAN SEA LEVEL
MW	-	MONITORING WELL
N	-	NORTH
NO.	-	NUMBER
NTS	-	NOT TO SCALE
OD	-	OUTSIDE DIAMETER
OWS	-	OIL/WATER SEPARATOR
PC	-	POINT OF CURVATURE
PE	-	PLAIN END
PI	-	POINT OF INTERSECTION
PL	-	PROPERTY LINE
PLCS	-	PLACES
PRC	-	POINT OF REVERSE CURVE
PT	-	POINT OF TANGENT
PVC	-	POINT OF VERTICAL CURVE
PVI	-	POINT OF VERTICAL INTERSECTION
PVT	-	POINT OF VERTICAL TANGENT
R	-	RADIUS
RCP	-	REINFORCED CONCRETE PIPE
RD	-	ROOF DRAIN
RED	-	REDUCER
REQD	-	REQUIRED
REV	-	REVISION
R/W	-	RIGHT-OF-WAY
S	-	SOUTH
SE	-	SUPERELEVATION
SIM	-	SIMILAR
STA	-	STATION
T	-	TANGENT LENGTH
TMH	-	TOP OF MANHOLE
TOC	-	TOP OF CONCRETE
TOG	-	TOP OF GRADING
TOP	-	TOP OF PAVEMENT
TYP	-	TYPICAL
UNO	-	UNLESS NOTED OTHERWISE
DS	-	DESIGN SPEED
VERT	-	VERTICAL
W	-	WEST
W/	-	WITH
W/O	-	WITHOUT
WP	-	WORK POINT

LEGENDS/SYMBOL KEYS:

- PROPERTY LINE ALONG MEAN HIGH WATER
- NEW SECURITY FENCE
- SWITCHYARD FENCE
- 8 — NEW CONTOUR
- MATCH LINE
- CB-XX — STORMWATER CATCH BASIN
- MH-XX — STORMWATER MANHOLE
- NEW STORM WATER SYSTEM
- NEW CULVERT
- GRADE SURFACE FLOW INDICATOR
- DITCH/SWALE FLOW INDICATOR
- 16.00 × — NEW SPOT ELEVATION
- SURVEY CONTROL MONUMENT
- EXISTING FENCE
- 8 — EXISTING CONTOUR
- LIMITS OF DISTURBANCE
- COASTAL JURISDICTION LINE
- ASPHALT SURFACING
- AGGREGATE SURFACING
- REINFORCED CONCRETE OR OTHER IMPERVIOUS STRUCTURE
- EARTH
- RIPRAP
- SAND/BEDDING MAT'L
- GRASS
- WETLANDS SEE NOTE 20
- 1 / S3000 — SECTION OR DETAIL NUMBER / DRAWING DESIGNATION NUMBER

DESIGN NOTES:

1. GENERAL NOTES APPLICABLE TO ALL S3000 SERIES DRAWINGS.
2. SEE DRAWING 5GAU-G1000 FOR SITE PLOT PLAN.
3. SEE DRAWING 5GAU-G1001 FOR OVERALL SITE ARRANGEMENT.
4. SEE 5STE-S3100 SERIES DRAWINGS FOR EROSION CONTROL PLANS AND DETAILS.
5. SEE 5STD-S3200 SERIES DRAWINGS FOR SURFACING AND FENCING PLANS AND DETAILS.
6. SEE 5STA-S3400 SERIES DRAWINGS FOR PLANT ROADS AND PARKING PLANS AND DETAILS.
7. SEE 5STF-S3900 SERIES DRAWINGS FOR GRADING AND DRAINAGE DETAILS.
8. THE PROJECT PLANT GRID SYSTEM IS BASED ON THE CONNECTICUT STATE PLANE COORDINATE SYSTEM NAD83/2011 FEET. TO CONVERT THE PLANT GRID TO STATE PLANE, ROTATE THE SITE CLOCKWISE ABOUT THE CENTERLINE OF THE HRSG STACK 20.73°, THEN ADD 620723.13 TO THE NORTHING AND ADD 876264.04 TO THE EASTING. PLANT GRID SYSTEM AND NOTED CONVERSION IS ONLY APPLICABLE TO THE LIMITS ON THIS DRAWING.
9. ALL ELEVATIONS SHOWN ON THIS DRAWING ARE BASED ON NAVD88 DATUM. TO CONVERT FROM NAVD88 TO CITY OF BRIDGEPORT DATUM, ADD 14.6 FEET TO NAVD88 ELEVATIONS.
10. GRADE SHALL SLOPE UNIFORMLY BETWEEN FINISH SPOT ELEVATIONS AND CONTOURS SHOWN ON THE PLANS.
11. A SMOOTH VERTICAL TRANSITION SHALL BE PROVIDED AT ROAD INTERSECTIONS.
12. SLOPES SHALL BE 3(H):1(V) OR FLATTER, UNLESS NOTED OTHERWISE.
13. THE CONTRACTOR IS RESPONSIBLE FOR TYING FINISHED CONTOURS INTO EXISTING CONTOURS IN AREAS WHERE THERE IS INSUFFICIENT SURVEY DATA OF THE EXISTING GRADE.
14. DISTURBED AREAS NOT RECEIVING AGGREGATE, ASPHALT, OR CONCRETE SURFACING SHALL BE SEEDED/SODDED PER SURFACING PLANS, SEE S3200 SERIES DRAWINGS.
15. SPOT ELEVATIONS AND CONTOURS ON 5STF-S3000 SERIES DRAWINGS ARE TOP OF FINISHED GRADE. SUBTRACT FINISH SURFACING MATERIAL THICKNESS TO OBTAIN TOP OF SUBGRADE.
16. EXISTING CONTOURS AND SPOT ELEVATIONS ARE BASED ON THE TOPOGRAPHIC SURVEY DRAWINGS VT-1 THRU VT-5 REV1, DATED 11/6/2015 BY DESIGN PROFESSIONALS.
17. ALL AREAS OUTSIDE OF POWER BLOCK DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION CONDITIONS, AND STABILIZED UNLESS NOTED OTHERWISE.
18. SLOPE GRADE TO DRAIN IN DIRECTION OF FLOW ARROWS.
19. THE FINISHED GRADE SHALL BE SET 6 INCHES BELOW TOP OF CONCRETE UNLESS NOTED OTHERWISE. FINISHED GRADE SHALL SLOPE AWAY FROM THE STRUCTURE AT A MINIMUM SLOPE OF 1%.
20. FOR THE WETLANDS, THE REGULATORY BOUNDARIES OF WATERS OF THE U.S. DEPICTED ON THIS PLAN HAVE BEEN CONFIRMED BY THE U.S. ARMY CORPS OF ENGINEERS THROUGH THE JURISDICATION DETERMINATION, FILE NO. NAE-2016-00940, ISSUED AUGUST 1, 2016.
21.



TECHNICAL TABLES/SPECIFICATIONS:

1. 191547 58.5406.1101 01 STORM WATER SYSTEM DESIGN CALCULATION
2. 191547 58.5406.1101 02 STORM WATER MANAGEMENT PLAN
3. 191547 58.5406.1101 03 CONSTRUCTION SOIL EROSION & SEDIMENT CONTROL PLAN
4. 191547 58.5406.1101 04 SITE INFILTRATION TRENCH DEPTH & SURFACE AREA CALCULATION
5. 191547 58.5406.1101 05 RIP RAP FOR WAVE ACTION
6. 191547 58.5406.1101 06 CONSTRUCTION STORM WATER POLLUTION PREVENTION PLAN
7. 191547 58.5406.1101 07 POST-DEVELOPMENT RUNOFF RATE CALCULATION
8. 191547 58.5406.1101 08 PRE-DEVELOPMENT RUNOFF RATE CALCULATION
9. 191547 58.5406.1101 09 STORM WATER OUTFALL RIP RAP APRON SIZING CALC.
10. 191547 58.5406.1101 10 SITE WATER QUALITY FLOW CALCULATION
11. 191547 58.5406.1101 11 SITE WATER QUALITY VOLUME CALCULATION
12. 191547 58.5406.1101 12 POLLUTANT LOAD CALCULATION
13. 191547 58.5406.1101 13 DITCH DEPTH CHECK CALCULATION
14. 191547 58.5406.1101 14 SITE STORM WATER REINFORCED CONCRETE PIPE COVER

REVISION NOTES:

Ø	ISSUED FOR PERMITTING

ISSUED FOR PERMITTING

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CONNECTICUT

SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

150' 75' 0 150' 300'
1"=150'

Project Location:
Fairfield County, CT

BLACK & VEATCH
Building a world of difference®
Corporate Headquarters:
11401 Lamar Avenue, Overland Park, KS 66211

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.01950	PERMIT ISSUE	TAR	BMH	EAH		LWJ	MED

REVISION

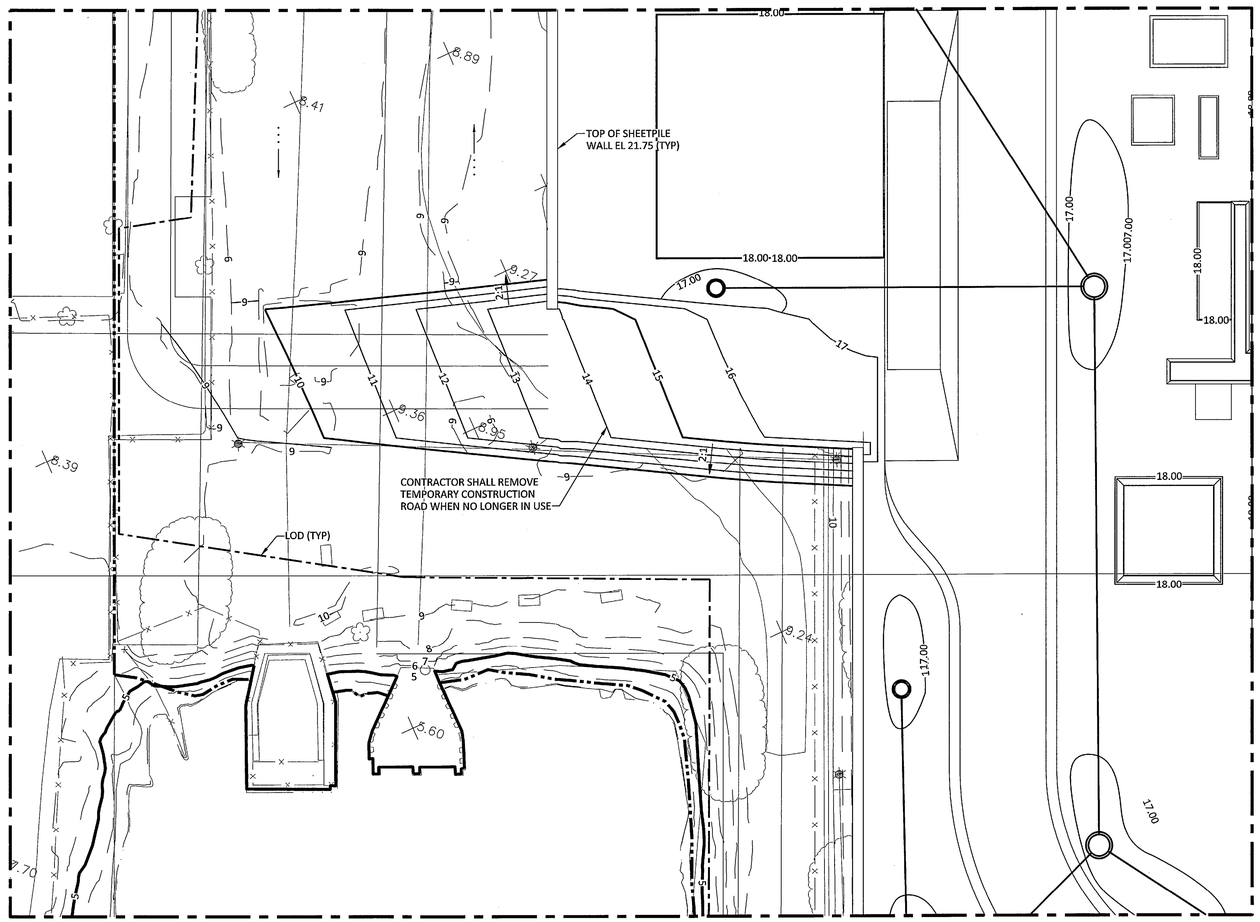
BRIDGEPORT HARBOR UNIT 5
YARD
GRADING & DRAINAGE
KEY PLAN, GENERAL NOTES & LEGEND
ARRANGEMENT DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION
PSEG
Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
TIM ROBINSON	BLIA HER	EMILY HOVDA
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-5STF-S3000

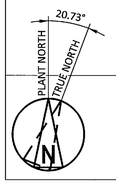
ANSI D SIZE | CONT. | MECH. | SPON. | ELEC. | CIVIL | OTHER | SPONSOR: T. MURPHY | VERSION: 0



TEMPORARY ACCESS ROAD

SCALE: 1" = 20'-0"
SEE DWG STF-S3004

20' 10' 0 20' 40'
1"=20'



TECHNICAL TABLES/SPECIFICATIONS:

1. SEE DRAWING 5STF-S3000 FOR TECHNICAL TABLES & SPECIFICATIONS.

REVISION NOTES:

NO	DATE	ACCT	DESCRIPTION
Ø	08/25/16	C.01950	ISSUED FOR PERMITTING

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CONNECTICUT
SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

Project Location:
Fairfield County, CT

BLACK & VEATCH
Building a world of difference®
Corporate Headquarters:
11401 Lamar Ave., Overland Park, KS 66211

STATE OF CONNECTICUT · MARK A. VANCE · 27447 · LICENSED PROFESSIONAL ENGINEER

LEGENDS/SYMBOL KEYS:

1. SEE DRAWING 5STF-S3000 FOR LEGENDS & SYMBOL KEYS.

DESIGN NOTES:

1. SPOT ELEVATIONS AND CONTOURS SHOWN ARE TOP OF FINISHED GRADE. SUBTRACT FINISH SURFACING MATERIAL THICKNESS TO OBTAIN TOP OF SUBGRADE.
2. ALL SPOT ELEVATIONS AT CATCH BASINS OR MAN HOLES SHALL INDICATE TOP OF LID OR GRATE.

ISSUED FOR PERMITTING

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

REFERENCES:

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.01950	PERMIT ISSUE	TAR	BMH	PLS		LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
YARD
GRADING & DRAINAGE
PLAN - TEMPORARY WEST RAMP

PARTIAL SITE PLAN DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG
Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
TIM ROBINSON	BLIA HER	PAIGE SNOW
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-5STF-S3004A

ANSI D SIZE | CONT. ____ MECH. ____ SPON. ____ ELEC. ____ CIVIL ____ OTHER ____ | SPONSOR: T. MURPHY | VERSION: 0



DESIGN NOTES:

1. GENERAL NOTES APPLICABLE TO ALL S3100 SERIES DRAWINGS.
2. SEE DRAWING 5GAU-G1000 FOR PLOT PLAN.
3. SEE DRAWING 5GAU-G1001 FOR SITE GENERAL ARRANGEMENT.
4. SEE S3200 SERIES DRAWINGS FOR SURFACING AND FENCING PLANS AND DETAILS.
5. SEE S3400 SERIES DRAWINGS FOR PLANT ROADS AND PARKING PLANS AND DETAILS.
6. SEE DRAWING 5STF-S3900 FOR GRADING AND DRAINAGE DETAILS.
7. DISTURBED AREAS NOT RECEIVING AGGREGATE, ASPHALT, OR CONCRETE SURFACING SHALL BE SEEDED/SODDED PER SURFACING PLANS, SEE S3200 SERIES DRAWINGS.
8. ALL AREAS OUTSIDE OF POWER BLOCK DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION CONDITIONS, AND STABILIZED UNLESS NOTED OTHERWISE.
9. INSTALLING EROSION AND SEDIMENT CONTROL (AS SHOWN ON 5STE-S3100 SERIES DRAWINGS) WILL BE ONE OF THE INITIAL STEPS OF PROJECT CONSTRUCTION. INSPECTION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROLS WILL CONTINUE THROUGH THE ENTIRE PROJECT CONSTRUCTION PERIOD. EROSION AND SEDIMENT CONTROLS WILL BE REMOVED AFTER FINAL STABILIZATION HAS BEEN ESTABLISHED.
10. FOR DETAILS ON CONSTRUCTION SEQUENCING, SEE DRAWINGS DS-1036 THRU DS-1040.

    SEE DRAWINGS DS-1042A-E FOR BARGE UNLOADING.

CONSTRUCTION SEQUENCE	
1	MOBILIZATION
2	INSTALL TEMPORARY POWER FOR CONSTRUCTION
3	DISCONNECT POWER TO SITE OF WORK
4	INSTALL SOIL EROSION AND SEDIMENT CONTROL MEASURES
5	CONSTRUCT STORM WATER DRAINAGE SYSTEM
6	PREPARE STAGING AND LAYDOWN AREAS, AND INFILTRATION TRENCHING AS NEEDED
7	INSTALL TRAILERS AND PARKING LOT
8	INSTALL PERMANENT SHEET PILE RETAINING WALL
9	IMPORT STRUCTURAL FILL, SPREAD AND COMPACT SOIL IN LAYERS 8" THICK (LOOSE MEASURE) TO ROUGH GRADE ELEVATION
10	PREPARE ACCESS ROADS AND CONSTRUCTING INGRESS AND EGRESS ROADS
11	DRIVING AND TESTING STRUCTURAL PILING SYSTEMS AS SPECIFIED AND AS SHOWN ON THE CONTRACT DRAWINGS
12	CONCRETE WORK, INCLUDING ALL ASSOCIATED EXCAVATION & FILL, FOR THE PILE CAPS, FOOTINGS, SLABS, WALLS, ROOFS, STACKS, AND OTHER MISCELLANEOUS WORK
13	CONSTRUCT U/G UTILITIES AND U/G OIL WATER SEPARATOR
14	COMPLETE STRUCTURAL, ARCHITECTURAL, ELECTRICAL AND MECHANICAL WORKS INCLUDING BUT NOT LIMITED TO:
A.	PLUMBING
B.	ROOFING
C.	CEILINGS
D.	WALLS
E.	FLOORS
F.	ACC (AIR COOLED CONDENSERS)
G.	LIGHTING AND COMMUNICATION SYSTEMS
H.	AIR CONDITIONING AND VENTILATION OF BUILDINGS
I.	TANKS
J.	STRUCTURAL STEEL
K.	MECHANICAL AND ELECTRICAL EQUIPMENT
L.	PRE-ENGINEERED METAL BUILDINGS
15	PROVIDE AND INSTALL ABOVE GROUND ULSD (ULTRA LOW SULFUR DIESEL) TANK
16	REMOVE ALL TEMPORARY CONSTRUCTION ACCESS ROADS AND INSTALL FINAL FILL AND SHEET PILE RETAINING WALL
17	FINISH GRADING AND SURFACING FOR ROADS AND OTHER AREAS
18	TESTING AND COMMISSIONING OF ALL BUILDINGS, MECHANICAL, ELECTRICAL AND OTHER WORKS AND TRAINING OF OWNER'S STAFF
19	REMOVE ALL EROSION AND SEDIMENT CONTROL MEASURES
20	DEMOBILIZATION

LEGENDS/SYMBOL KEYS:

- MATCHLINE
- SUPER SILT FENCE
- SILT FENCE
- LIMITS OF DISTURBANCE
- PROPERTY LINE ALONG MEAN HIGH WATER
- NEW SECURITY FENCE
- SWITCHYARD FENCE
- 99 — NEW CONTOUR
- CB-XX — STORMWATER CATCHBASIN
- MH-XX — STORMWATER MANHOLE
- NEW STORM WATER SYSTEM
- GRADE SURFACE FLOW INDICATOR
- 123.45 × — NEW SPOT ELEVATION
- SURVEY CONTROL MONUMENT
- EXISTING FENCE
- 8 — EXISTING CONTOUR
- COASTAL JURISDICTION LINE
- ASPHALT SURFACING
- AGGREGATE SURFACING
- REINFORCED CONCRETE
- EARTH
- RIPRAP
- SAND/BEDDING MAT'L
- GRASS
- WETLANDS
- 1 / S3000 — SECTION OR DETAIL NUMBER / DRAWING DESIGNATION NUMBER

20.73°
PLANT NORTH
TRUE NORTH

150' 75' 0 150' 300'
1"=150'

TECHNICAL TABLES/SPECIFICATIONS:

1. SEE DWG 5STE-S3000 FOR TECHNICAL AND SPECIFICAITONS.

REVISION NOTES:

NO	DATE	ACCT	DESCRIPTION
Ø	ISSUED FOR PERMITTING		

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CONNECTICUT
SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

MARK A. VANCE — STATE OF CONNECTICUT — 27447 — LICENSED PROFESSIONAL ENGINEER

ISSUED FOR PERMITTING

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	Ø8/25/16	C.21950	PERMIT ISSUE	RJW	BMH	EAH		LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
YARD
EROSION CONTROL
KEY PLAN, GENERAL NOTES & LEGEND
ARRANGEMENT DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG Power Connecticut LLC

Project Location:
Fairfield County, CT

BLACK & VEATCH
Building a world of difference®
Corporate Headquarters:
11401 Lamar Avenue, Overland Park, KS 66211

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
REBECCA WILLIAMS	BLIA HER	EMILY HOVDA
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-5STE-S3100

ANSI D SIZE | CONT. ____ MECH. ____ SPON. ____ | ELEC. ____ CIVIL ____ OTHER ____ | SPONSOR: T. MURPHY | VERSION: 0



MATCHLINE N 1443.00 - FOR CONTINUATION SEE S3102

PLAN

SCALE: 1" = 40'-0"

20.73°

PLANT NORTH

TRUE NORTH

N

40' 20' 0 40' 80'

1"=40'

TECHNICAL TABLES/SPECIFICATIONS:

1. SEE DWG 5STE-S3100 FOR TECHNICAL TABLES AND SPECIFICATIONS.

REVISION NOTES:

Ø	08/25/16	ISSUED FOR PERMITTING

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SIGNED: MARK A. VANCE

DATE: 08/25/16 REG NO. 27447

STATE OF CONNECTICUT · MARK A. VANCE · 27447 · LICENSED PROFESSIONAL ENGINEER

LEGENDS/SYMBOL KEYS:

1. SEE DWG 5STE-S3100 FOR EROSION CONTROL LEGEND AND SYMBOL KEYS.

ISSUED FOR PERMITTING

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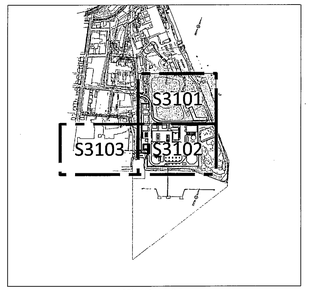
DESIGN NOTES:

1. SEE DWG 5STF-S3000 FOR NOTES LEGEND AND ABBREVIATIONS.
2. SEE DWG 5STE-S3100 FOR EROSION CONTROL KEY PLAN, NOTES AND LEGEND.
3. SEE S3920 AND S3921 DRAWINGS FOR TYPICAL EROSION CONTROL DETAILS.
4. CONTRACTOR SHALL INSTALL SILT FENCE AROUND STOCK PILES.
5. CONTRACTOR SHALL INSTALL INLET SEDIMENT FILTER AND/OR SILT FENCE AROUND ALL STORM SYSTEM INLETS.
6. CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCE AT PROJECT ENTRANCES. SEE DWG 5STE-S3921 FOR DETAILS.
7. CONTRACTOR SHALL PREVENT CONSTRUCTION SEDIMENT FROM ENTERING CATCH BASIN USING BEST MANAGEMENT PRACTICES.
8. CONTRACTOR SHALL INSTALL NON-ENGINEERED SUMPS AS NEEDED TO CONTROL STORM WATER SEDIMENT.

REFERENCES:



KEYPLAN

SCALE: 1"=400'

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.01958	PERMIT ISSUE	RJW	BMH	EAH		LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5

YARD

EROSION CONTROL

PLAN – AREA 1

PARTIAL SITE PLAN DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG Power Connecticut LLC

Project Location: Fairfield County, CT

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Corporate Headquarters: 11401 Lamar Ave., Overland Park, KS 66211

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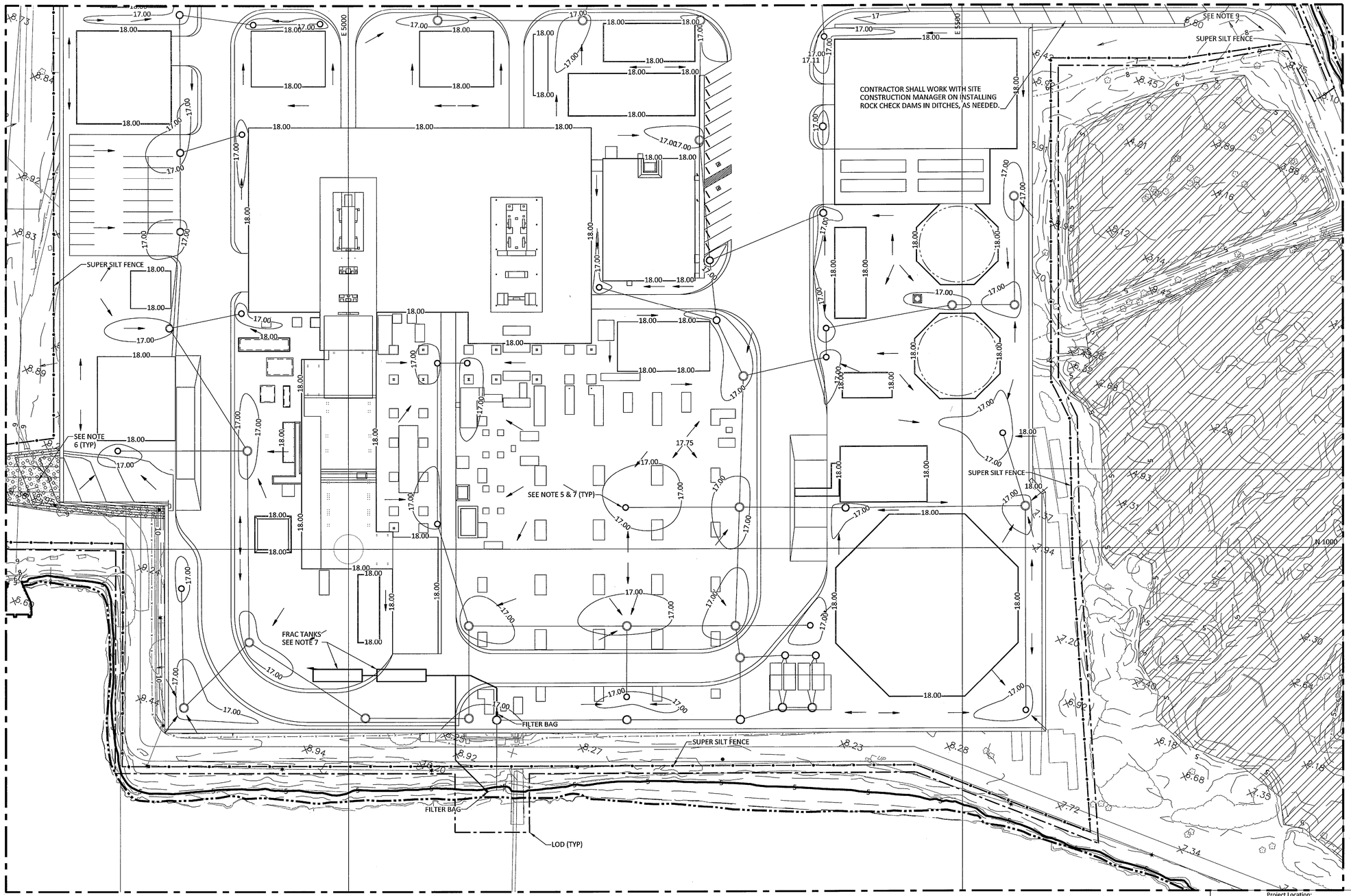
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.

191547-5STE-S3101

ANSI D SIZE | CONT. | MECH. | SPON. | ELEC. | CIVIL. | OTHER | SPONSOR: T. MURPHY | VERSION: 0



PLAN
SCALE: 1" = 40'-0"

40' 20' 0 40' 80'
1"=40'

20.73°
PLANT NORTH
TRUE NORTH
N

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

0	ISSUED FOR PERMITTING

LEGENDS/SYMBOLS KEYS:

1. SEE DWG 5STE-S3100 FOR EROSION CONTROL LEGEND AND SYMBOL KEYS.

ISSUED FOR PERMITTING

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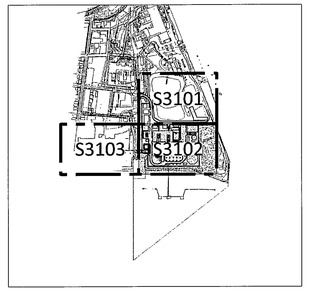
DESIGN NOTES:

1. SEE DWG 5STF-S3000 FOR NOTES LEGEND AND ABBREVIATIONS.
2. SEE DWG 5STF-S3100 FOR EROSION CONTROL KEY PLAN, NOTES AND LEGEND.
3. SEE S3920 AND S3921 DRAWINGS FOR TYPICAL EROSION CONTROL DETAILS.
4. CONTRACTOR SHALL INSTALL SILT FENCE AROUND STOCK PILES.
5. CONTRACTOR SHALL INSTALL INLET SEDIMENT FILTER AND/OR SILT FENCE AROUND ALL STORM SYSTEM INLETS.
6. CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCE AT PROJECT ENTRANCES. SEE DWG 5STE-S3921 FOR DETAILS.
7. CONSTRUCTION STORM WATER WILL BE DIRECTED TO TEMPORARY SWALES AND ROCK CHECK DAMS, AS REQUIRED, AND DRAIN TO A SUMP. FROM THE SUMP, THE STORM WATER WILL BE PUMPED AT A CONTROLLED RATE TO FRAC TANK(S) AND THEN PUMPED OUT AT A CONTROLLED RATE THROUGH A FILTER BAG. IF SOIL IS CONTAMINATED, THEN CONTRACTOR SHALL USE OTHER FILTERING/CLEAN UP METHODS (SUCH AS CARBON FILTERS), AS REQUIRED. THE STORM WATER WILL THEN DISCHARGE NEAR THE EXISTING WATER OUTFALL LOCATION.
8. CONTRACTOR SHALL INSTALL OIL SKIMMERS FOR ALL SUMPS THAT WILL RECEIVE OILY RUNOFF AND SHOULD INSTALL OIL SKIMMERS AT ALL OTHER SUMPS.
9. CONTRACTOR SHALL INSTALL NON-ENGINEERED SUMPS AS NEEDED TO CONTROL STORM WATER SEDIMENT.

REFERENCES:



KEYPLAN
SCALE: 1"=1000'

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
0	08/25/16	C.01950	PERMIT ISSUE	RJW	BMH	EAH		LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
YARD
EROSION CONTROL
PLAN - AREA 2

PARTIAL SITE PLAN DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG
Power Connecticut LLC

Project Location:
Fairfield County, CT

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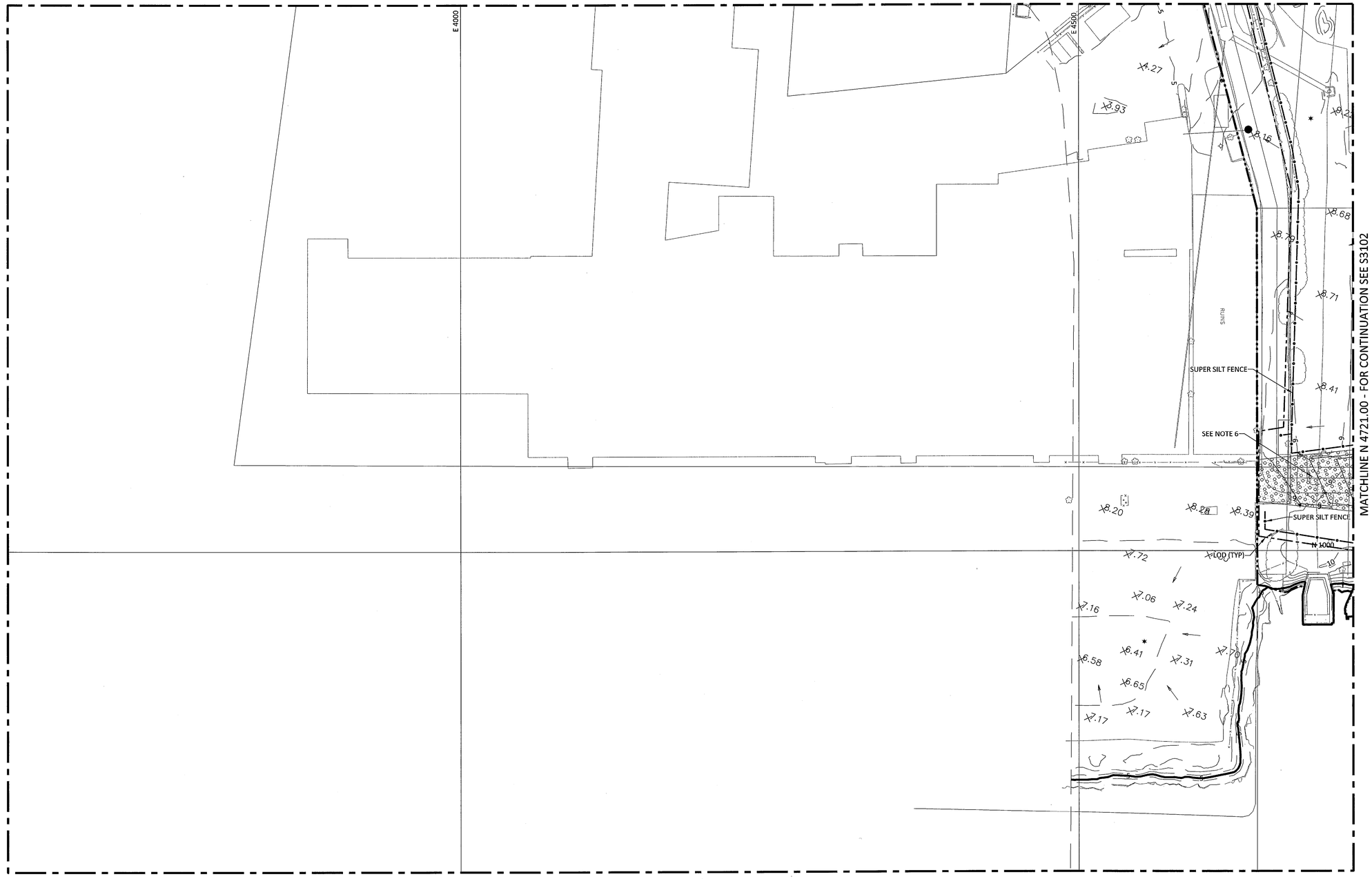
SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

STATE OF CONNECTICUT
MARK A. VANCE
27447
LICENSED
PROFESSIONAL ENGINEER

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
REBECCA WILLIAMS	BLIA HER	EMILY HOVDA
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-5STE-S3102

ANSI D SIZE | CONT. | MECH. | SPON. | ELEC. | CIVIL | OTHER | SPONSOR: T. MURPHY | VERSION: 0



LEGENDS/SYMBOL KEYS:

1. SEE DWG 5STE-S3100 FOR EROSION CONTROL LEGEND AND SYMBOL KEYS.

ISSUED FOR PERMITTING

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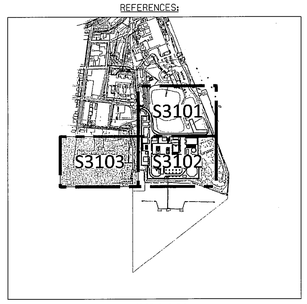
DESIGN NOTES:

1. SEE DWG 5STF-S3000 FOR NOTES LEGEND AND ABBREVIATIONS.
2. SEE DWG 5STF-S3100 FOR EROSION CONTROL KEY PLAN, NOTES AND LEGEND.
3. SEE S3920 AND S3921 DRAWINGS FOR TYPICAL EROSION CONTROL DETAILS.
4. CONTRACTOR SHALL INSTALL SILT FENCE AROUND STOCK PILES.
5. CONTRACTOR SHALL INSTALL INLET SEDIMENT FILTER AND/OR SILT FENCE AROUND ALL STORM SYSTEM INLETS.
6. CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCE AT PROJECT ENTRANCES. SEE DWG 5STE-S3921 FOR DETAILS.

REFERENCES:



KEYPLAN

SCALE: 1"=1000'

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16		PERMIT ISSUE	RJW	BMH	EAH	X	LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5

YARD

EROSION CONTROL

PLAN - AREA 3

PARTIAL SITE PLAN DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
REBECCA WILLIAMS	BLIA HER	EMILY HOVDA
REVIEWED (B&V) X	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO. 191547-5STE-S3103

PLAN

SCALE: 1" = 40'-0"

40' 20' 0 40' 80'

1"=40'

20.73°

PLANT NORTH

TRUE NORTH

TECHNICAL TABLES/SPECIFICATIONS:

1. SEE DWG 5STE-S3100 FOR TECHNICAL TABLES AND SPECIFICATIONS.

REVISION NOTES:

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SIGNED MARK A. VANCE

DATE 08/25/16 REG NO. 27447

STATE OF CONNECTICUT MARK A. VANCE 27447 LICENSED PROFESSIONAL ENGINEER

Project Location: Fairfield County, CT

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Corporate Headquarters: 11401 Lamar Ave, Overland Park, KS 66211

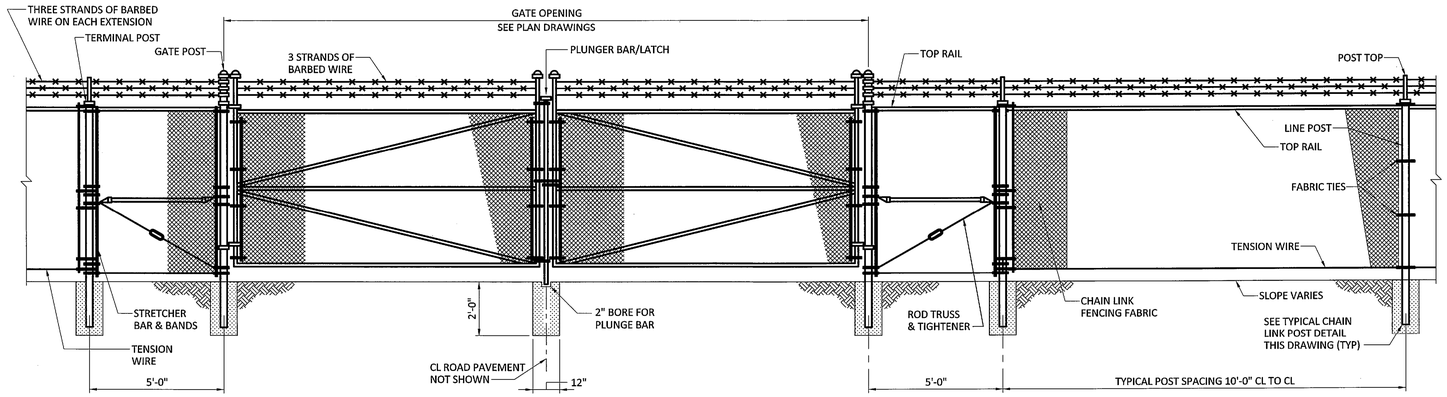
ANSI D SIZE

CONT. MECH. SPON.

ELEC. CIVIL OTHER

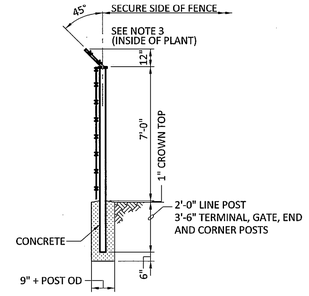
SPONSOR: T. MURPHY

VERSION: 0



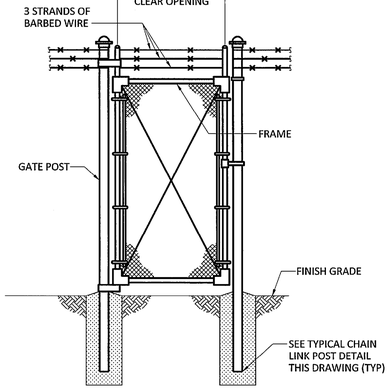
TYPICAL CHAIN LINK SECURITY FENCE WITH SWING GATE

NO SCALE



TYPICAL CHAIN LINK POST

NO SCALE



TYPICAL PERSONNEL GATE DETAIL

NO SCALE

LEGENDS/SYMBOL KEYS:

1. SEE DRAWING 5STD-S3201 FOR LEGENDS & SYMBOL KEYS.

DESIGN NOTES:

1. SEE DRAWING S3000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. FOR FENCE GROUNDING DETAILS AND NOTES, SEE DRAWING E2550.
3. WIRE TIES, RAILS, POSTS AND BRACES SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. CHAIN LINK FABRIC SHALL BE ON THE SIDE OPPOSITE OF THE SECURE SIDE.
4. SEE S3200 SERIES DRAWINGS FOR FENCING LAYOUT.

REFERENCES:

TECHNICAL TABLES/SPECIFICATIONS:

1. SEE DRAWING 5STD-S3201 FOR TECHNICAL TABLES & SPECIFICATIONS.

REVISION NOTES:

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SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

STATE OF CONNECTICUT · MARK A. VANCE · 27447 · LICENSED PROFESSIONAL ENGINEER

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NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.01950	PERMIT ISSUE	TAR	BMH	EAH	X	LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
YARD
FENCING
DETAILS AND SECTIONS

STANDARDS DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG
Power Connecticut LLC

Project Location:
Fairfield County, CT

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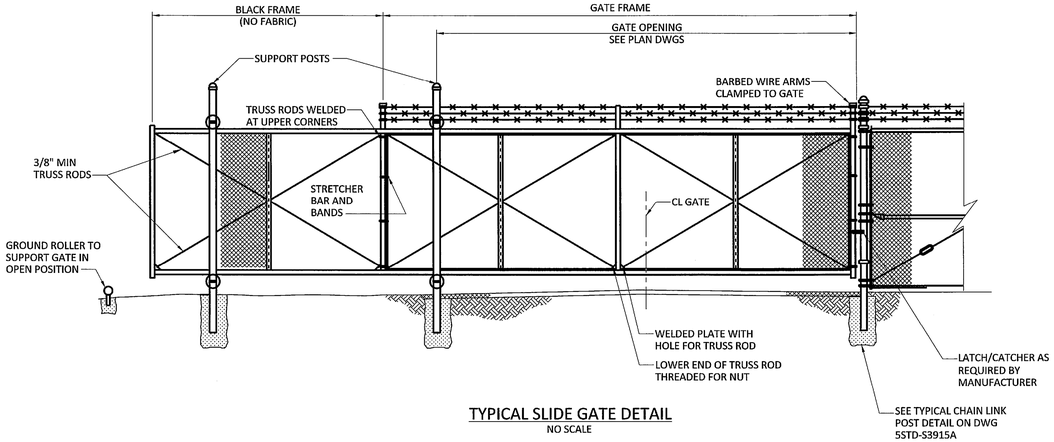
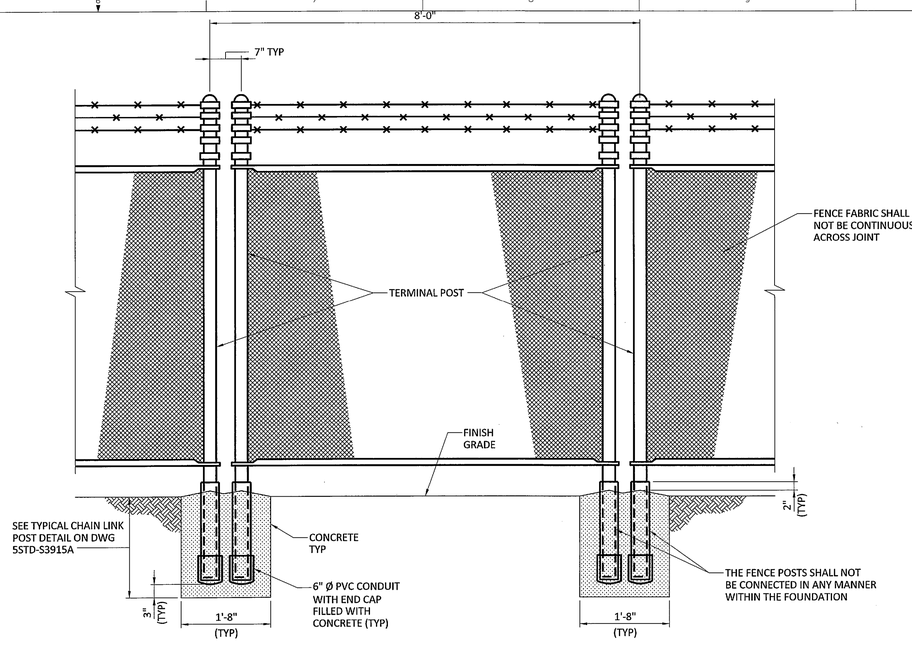
TIM ROBINSON	BLIA HER	EMILY HOVDA
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
X	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-5STD-S3915A

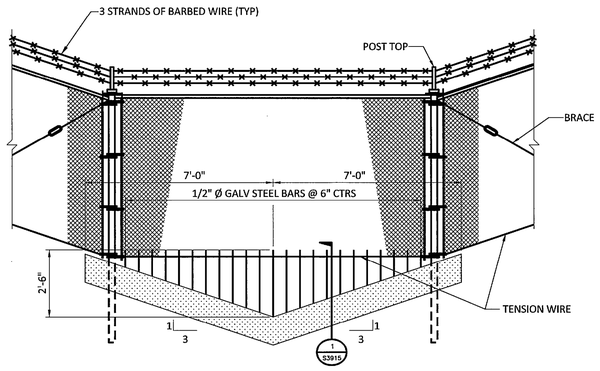
ANSI D SIZE | CONT. ____ MECH. ____ SPON. ____ | ELEC. ____ CIVIL ____ OTHER ____ | SPONSOR: T. MURPHY | VERSION: 0



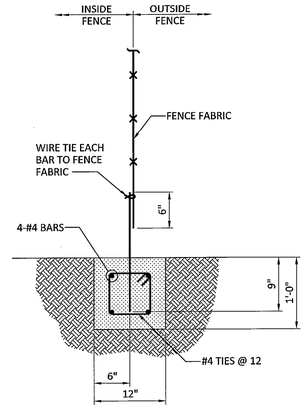
TYPICAL SLIDE GATE DETAIL
NO SCALE



TYPICAL FENCE ISOLATION JOINT
NO SCALE



TYPICAL DITCH CROSSING DETAIL
NO SCALE



SECTION 1
NO SCALE
SEE THIS DWG

LEGENDS/SYMBOL KEYS:

1. SEE DRAWING 5STD-S3201 FOR LEGENDS & SYMBOL KEYS.

DESIGN NOTES:

1. SEE DRAWING S3000 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. FOR FENCE GROUNDING DETAILS AND NOTES, SEE DRAWING E2550.
3. WIRE TIES, RAILS, POSTS AND BRACES SHALL BE CONSTRUCTED ON THE SECURE SIDE OF THE FENCE ALIGNMENT. CHAIN LINK FABRIC SHALL BE ON THE SIDE OPPOSITE OF THE SECURE SIDE.
4. SEE S3200 SERIES DRAWINGS FOR FENCING LAYOUT.

REFERENCES:

TECHNICAL TABLES/SPECIFICATIONS:

1. SEE DRAWING 5STD-S3201 FOR TECHNICAL TABLES & SPECIFICATIONS.

REVISION NOTES:

Ø	ISSUED FOR PERMITTING

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SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

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Ø	08/25/16	C.81958	PERMIT ISSUE	TAR	BMH	EAH		LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
YARD
FENCING
DETAILS AND SECTIONS

STANDARDS — DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG Power Connecticut LLC

Project Location:
Fairfield County, CT

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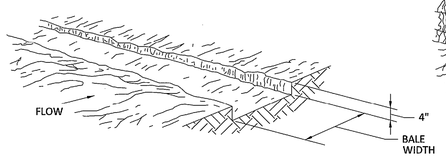
DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
TIM ROBINSON	BLIA HER	EMILY HOVDA
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

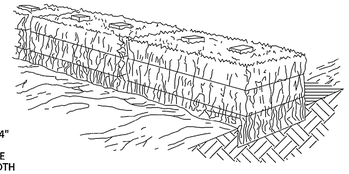
VENDOR NO.
191547-5STD-S3915B

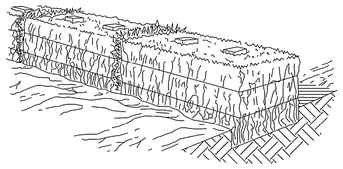
ANSI D SIZE | CONT. | MECH. | SPON. | ELEC. | CIVIL | OTHER | SPONSOR: T. MURPHY | VERSION: 0

1. EXCAVATE THE TRENCH.

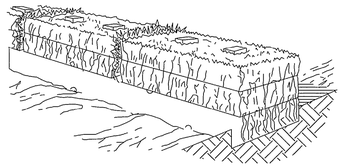


2. PLACE AND STAKE STRAW BALES.



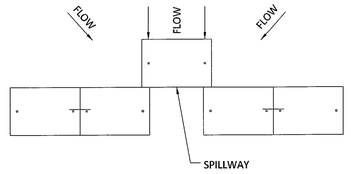


3. WEDGE LOOSE STRAW BETWEEN BALES.

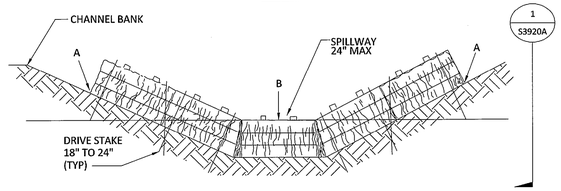


4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

STRAW BALE BARRIER CONSTRUCTION DETAIL
NO SCALE



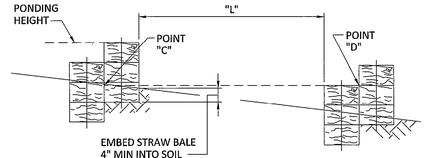
PLAN



SECTION - LOOKING UPSTREAM

NOTES:
1. EMBED BALES 4" INTO SOIL AND "KEY" BALES INTO CHANNEL BANKS.
2. POINT "A" MUST BE HIGHER THAN POINT "B" (SPILLWAY HEIGHT)
3. PLACE BALES PERPENDICULAR TO THE FLOW WITH ENDS TIGHTLY ABUTTING.
4. SPILLWAY HEIGHT SHALL NOT EXCEED 24".
5. INSPECT AFTER EACH SIGNIFICANT STORM, MAINTAIN AND REPAIR PROMPTLY.

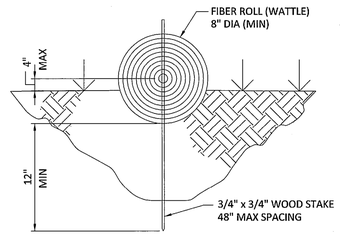
STRAW BALE CHECK DAM IN DRAINAGE WAY
NO SCALE



L = THE DISTANCE SUCH THAT THE POINTS "C" & POINT "D" ARE OF EQUAL ELEVATION

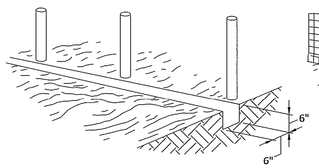
SPACING BETWEEN CHECK DAMS
NO SCALE

SECTION 1

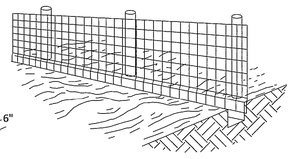


TYPICAL WATTLE DETAIL
NO SCALE

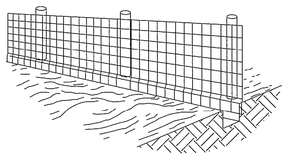
1. SET POSTS AND EXCAVATE A 6"X6" TRENCH UP SLOPE ALONG THE LINE OF POSTS.



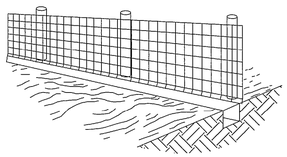
2. STAPLE WIRE FENCING TO THE POSTS.



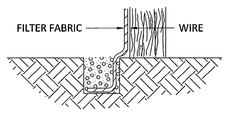
3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH.



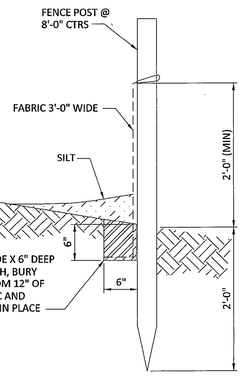
4. BACKFILL AND COMPACT THE EXCAVATED SOIL.



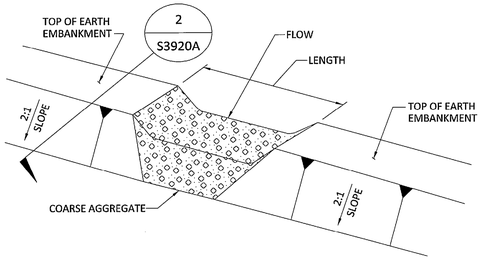
EXTENSION OF FABRIC AND WIRE INTO THE TRENCH



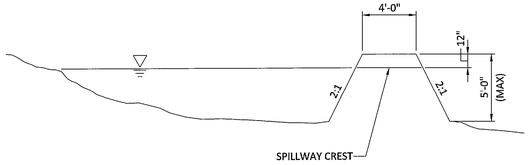
PLANS
TYPE 1
SUPER SILT FENCE DETAIL
NO SCALE



ELEVATION



TEMPORARY SEDIMENT TRAP OUTLET DETAIL
NO SCALE



SECTION 2
NO SCALE
SEE THIS DWG

ISSUED FOR PERMITTING

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

LEGENDS/SYMBOL KEYS:

DESIGN NOTES:
1. SEE DRAWING 5STF-S3000 AND 5STE-S3100 FOR GENERAL NOTES, LEGEND AND ABBREVIATIONS.

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

NO	DATE	ACCT	DESCRIPTION
Ø	08/25/16	C.01950	ISSUED FOR PERMITTING

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.01950	PERMIT ISSUE	RJW	BMH	EAH	X	LWJ	MED

REVISION

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CONNECTICUT
SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

Project Location: Fairfield County, CT

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Corporate Headquarters:
11401 Lamar Avenue, Overland Park, KS 66211

STATE OF CONNECTICUT · MARK A. VANCE · 27447 · REGISTERED PROFESSIONAL ENGINEER

BRIDGEPORT HARBOR UNIT 5
YARD
EROSION CONTROL
DETAILS AND SECTIONS

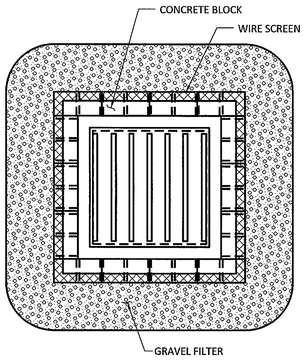
STANDARDS DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION
PSEG Power Connecticut LLC

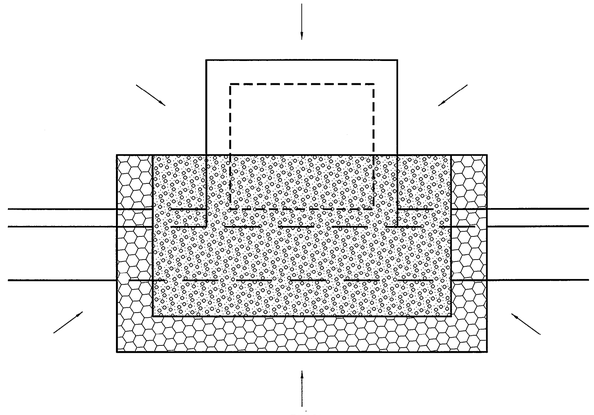
DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
REBECCA WILLIAMS	BLIA HER	EMILY HOVDA
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-5STE-S3920A

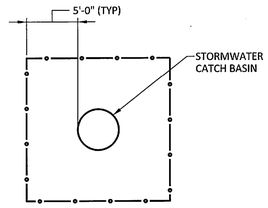
ANSI D SIZE | CONT. | MECH. | SPON. | ELEC. | CIVIL | OTHER | SPONSOR: T. MURPHY | VERSION: 0



PLAN

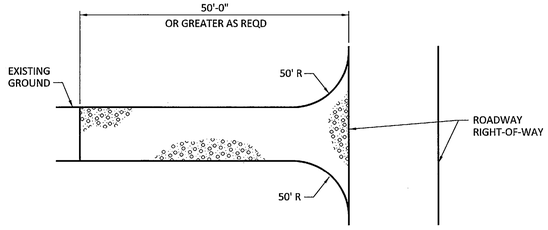


PLAN

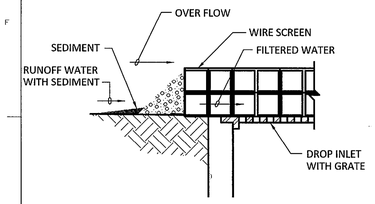


TYPICAL SILT FENCE AROUND CATCH BASIN

NO SCALE



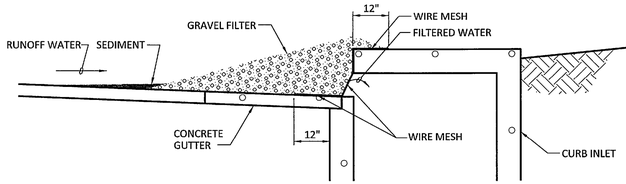
PLAN VIEW



ELEVATION

BLOCK AND GRAVEL DROP INLET SEDIMENT FILTER

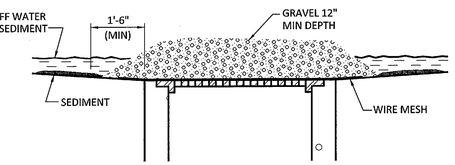
NO SCALE
SEE NOTE 2



ELEVATION

GRAVEL CURB INLET SEDIMENT FILTER

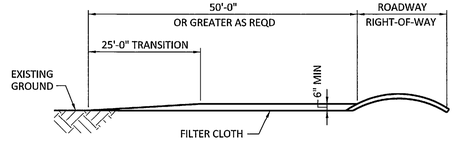
NO SCALE
SEE NOTE 4



ELEVATION

GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER

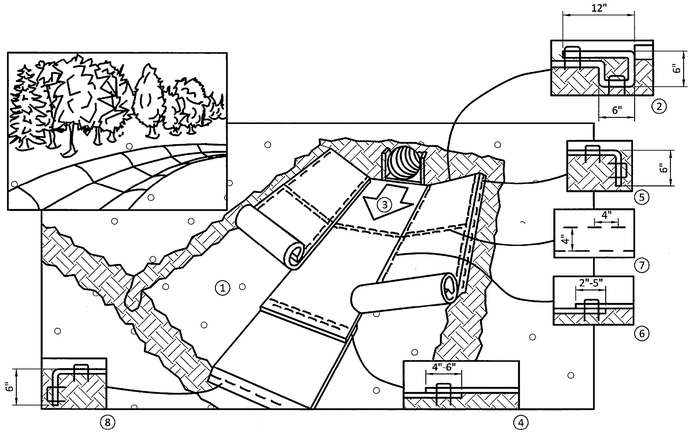
NO SCALE
SEE NOTE 3



PROFILE

TYPICAL STABILIZED CONSTRUCTION ENTRANCE

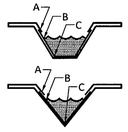
NO SCALE
SEE NOTE 5



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED, NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM TM, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
5. FULL LENGTH EDGE OF BLANETS AT TOP OF SIDE SLOPE MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACTENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 2"-5" (DEPNDING ON BLANKET TYPE) AND STAPLED. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE BLANKET BEING OVERLAPPED.
7. IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
8. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

EROSION CONTROL BLANKETS

NO SCALE



CRITICAL POINTS

A. OVERLAPS AND SEAMS
B. PROJECTED WATER LINE
C. CHANNEL BOTTOM/SIDE SLOPE VERTICES

NOTE:
* HORIZONTAL STAPLE SPACING SHOULD BE ALTERED IF NECESSARY TO ALLOW STAPLES TO SECURE THE CRITCAL POINTS ALONG THE CHANNEL SURFACE.

** IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE BLANKETS.

LEGENDS/SYMBOL KEYS:

DESIGN NOTES:

1. SEE DRAWING 5STF-S3000 AND 5STE-S3100 FOR GENERAL NOTES, LEGEND, AND ABBREVIATIONS.
2. THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.
3. THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.
4. THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.
5. PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC R.O.W.
6. DESIGN CRITERIA FOR STABILIZED CONSTRUCTION ENTRANCE.
   - A. STONE SIZE - USE ASTM C-33, SIZE NO 2 OR 3, USE CRUSHED STONE.
   - B. THICKNESS - NOT LESS THAN 8 INCHES.
   - C. WIDTH - NOT LESS THAN FULL WIDTH OF POINTS OF INGRESS OR EGRESS.
   - D. LENGTH - 50 FEET MINIMUM WHERE THE SOILS ARE SANDS OR GRAVEL OR 100.FEET MINIMUM WHERE SOILS ARE CLAYS OR SILTS, EXCEPT WHERE THE TRAVELED LENGTH IS LESS THAN 50 OR 100 FEET RESPECTIVELY. THESE LENGTHS MAY BE INCREASED WHERE FIELD CONDITIONS DICTATE.
   - E. GEOTEXTILE 2X2HF OR EQUAL PROPEX - WILL BE PLACED OVER ENTIRE AREA PRIOR TO PLACING OF STONE.
   - F. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ON TO PUBLIC RIGHT-OF-WAY THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.

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NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.#1950	PERMIT ISSUE	RJW	BMH	EAH		LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
YARD
EROSION CONTROL
SECTIONS & DETAILS

STANDARDS — DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
REBECCA WILLIAMS	BLIA HER	EMILY HOVDA
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-5STE-S3920B

Project Location:
Fairfield County, CT

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Corporate Headquarters:
11401 Lamar Ave., Overland Park, KS 66211

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CONNECTICUT
SIGNED MARK A VANCE
DATE 08/25/16 REG NO. 27447

STATE OF CONNECTICUT — MARK A. VANCE — 27447 — LICENSED PROFESSIONAL ENGINEER

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

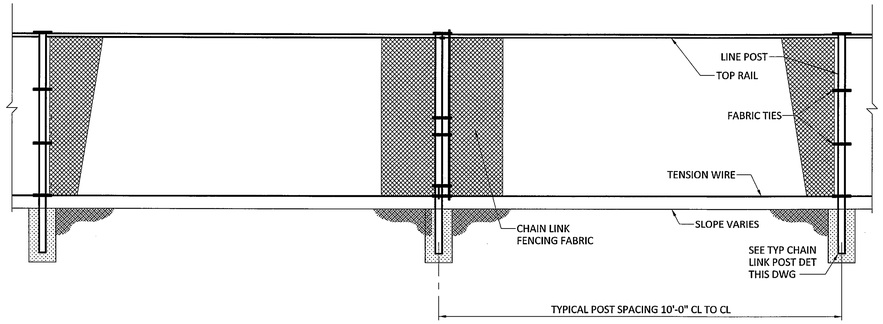
Ø	ISSUED FOR PERMITTING

ANSI D SIZE

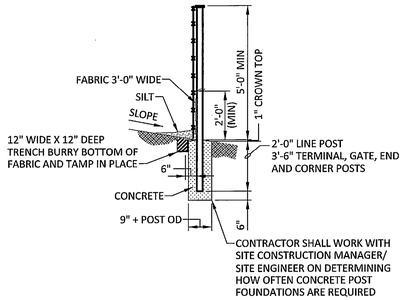
CONT. ____ SPON. ____
ELEC. ____ CIVIL ____ OTHER ____

SPONSOR: T. MURPHY

VERSION: 0

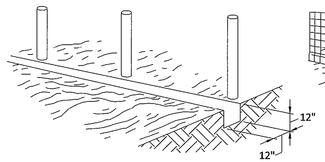


TYPE 2
TYPICAL SUPER SILT FENCE WITH CHAIN LINK
NO SCALE

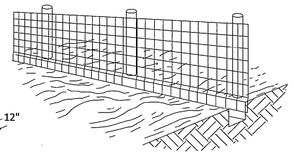


TYPE 2
SUPER SLIT FENCE
TYPICAL CHAIN LINK POST DETAIL
NO SCALE

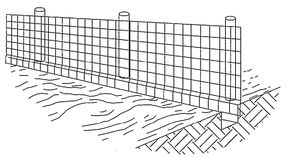
1. SET POSTS AND EXCAVATE A 12"X12" TRENCH UP SLOPE ALONG THE LINE OF POSTS.



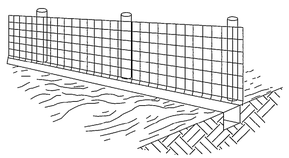
2. ATTACH CHAIN LINK FENCE TO THE POSTS.



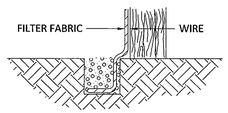
3. ATTACH THE FILTER FABRIC TO THE CHAIN LINK FENCE AND EXTEND IT INTO THE TRENCH.



4. BACKFILL AND COMPACT THE EXCAVATED SOIL.

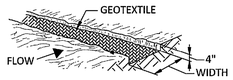


EXTENSION OF FABRIC INTO THE TRENCH

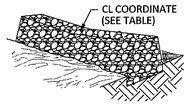


PLANS
TYPE 2
SUPER SILT FENCE DETAIL
NO SCALE

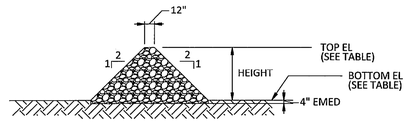
1. EXCAVATE THE TRENCH AND INSTALL MIRAFI 160N GEOTEXTILE.



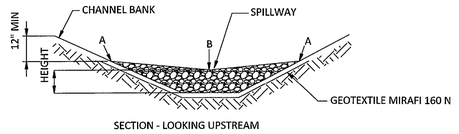
2. PLACE AND COMPACT STONE D50=6 INCH



ROCK CHECK DAM CONSTRUCTION DETAIL
NO SCALE



ROCK CHECK DAM
CROSS SECTION
NO SCALE



SECTION - LOOKING UPSTREAM

NOTES:
1. EMBED CHECK DAM 4" INTO SOIL AND "KEY" INTO CHANNEL BANKS.
2. POINT "A" MUST BE 6" HIGHER THAN POINT "B" (SPILLWAY HEIGHT)
3. PLACE CHECK DAM PERPENDICULAR TO THE FLOW WITH ENDS TIGHTLY ABUTTING.
4. SPILLWAY HEIGHT SHALL NOT EXCEED 3' - 0"
5. INSPECT AFTER EACH SIGNIFICANT STORM, MAINTAIN AND REPAIR PROMPTLY.

ROCK CHECK DAM
IN DRAINAGE WAY
NO SCALE

ELEVATION

ORIENTATION WHEN INSTALLED

TURBIDITY CURTAIN DETAIL
NO SCALE

SOURCE: ADAPTED FROM AMERICAN BOOM AND BARRIER CORP. AND VDOT STANDARD SHEETS

LEGENDS/SYMBOL KEYS:

DESIGN NOTES:

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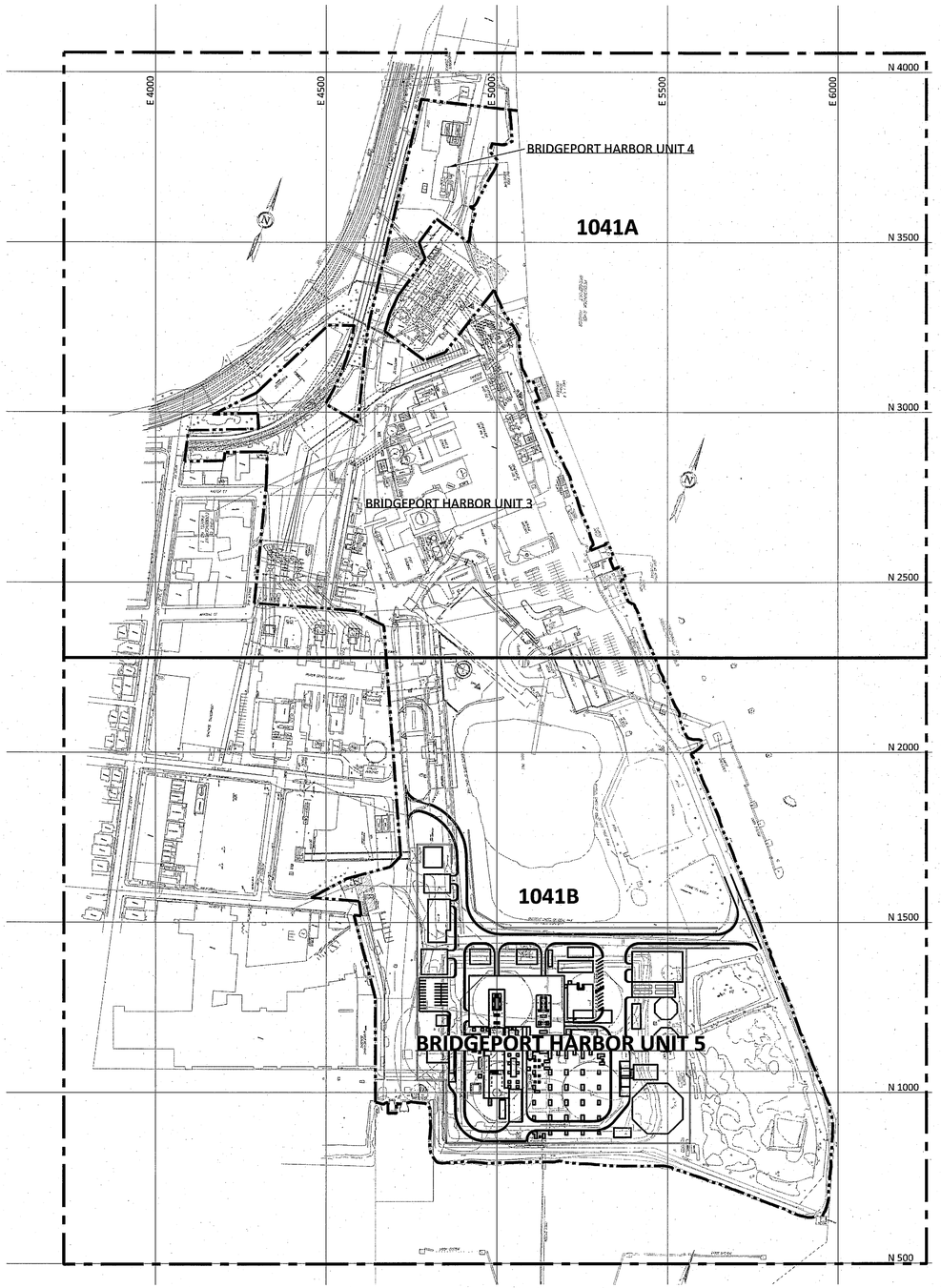
SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

STATE OF CONNECTICUT · MARK A. VANCE · 27447 · LICENSED PROFESSIONAL ENGINEER

ANSI D SIZE | CONT. | HECK | SPON. | ELEC. | CIVIL | OTHER | SPONSOR: T. MURPHY | VERSION: 0



LEGEND

PROPERTY LINE

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.01950	PERMIT ISSUE	CDC	RFG	GLG		LWJ	MED

REVISION

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SIGNED DAVID J. KOEHLER

DATE 8/25/2016 REG NO. 25295

STATE OF CONNECTICUT DAVID J. KOEHLER No. 25295 LICENSED PROFESSIONAL ENGINEER

Project Location:
Fairfield County, CT

BLACK & VEATCH
Building a world of difference®

Corporate Headquarters:
11401 Lamar[illegible] Overland Park, KS 66211

BRIDGEPORT HARBOR UNIT 5
PLANT LAYOUT
GENERAL YARD
CONSTRUCTION AREA KEY PLAN

ARRANGEMENT DESIGN – CIVIL GENER

PROJECT ENGINEERING DIVISION

PSEG
Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
CHRIS CARPENTER	ROGER GOODLET	GRAYLYN GARR
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-DS-1041

Ø	ISSUED FOR PERMITTING		

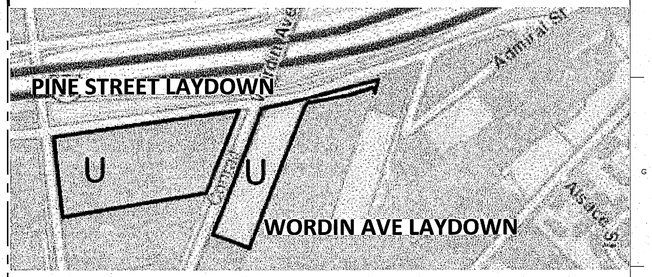
ANSI D SIZE

CONT. ____ MECH. ____ SPON. ____
ELEC. ____ CIVIL ____ OTHER ____

SPONSOR:

VERSION: 0

Area	End Use	Size (Acres)	Acquisition/ Lease Date	Ready for Use Date	Release Date
BH-1	Laydown	-0.25	10/1/2017	11/1/2017	5/1/2018
U	See Note 1	4.00	9/1/2017	10/1/2017	9/1/2018



U REMOTE LAYDOWN

BARGE DELIVERY AREA 2

2-500 FT² HEAVY HAUL OFF LOAD (SEE NOTE 2)

BH-2
LAYDOWN

BARGE DELIVERY AREA 3

2-500 FT² HEAVY HAUL OFF LOAD (SEE NOTE 2)

PEQUANNOCK RIVER
BRIDGEPORT HARBOR

KIEFER ST
WHEELING ST
SHAW AVE
SHAW CREEK
FENCE
POINT OF COMMENCEMENT

N 4000 N 4500 N 5000 N 5500 N 6000
N 3500 N 3000 N 2500 N 2000

MATCHLINE SEE DWG DS-1041B FOR CONTINUATION

20.73
PLANT NORTH
TRUE NORTH
N

LEGEND

PROPERTY LINE

NOTES

1. CRANE MATS, PRECAST CONCRETE PANELS, OR ROAD PLATE NECESSARY TO SUPPORT OFF-LOADING EQUIPMENT POTENTIALLY LEVELED WITH GRAVEL AND/OR SAND.

ISSUED FOR PERMITTING

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

100' 50' 0 100' 200'
1"=100'

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	8/25/2016	C.01950	PERMIT ISSUE	CDC	RFG	GLG	X	LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
PLANT LAYOUT
GENERAL YARD
CONSTRUCTION AREA PLAN

ARRANGEMENT DESIGN – CIVIL GENER

PROJECT ENGINEERING DIVISION

PSEG
Power Connecticut LLC

Project Location:
Fairfield County, CT

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Corporate Headquarters:
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DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
CHRIS CARPENTER	ROGER GOODLET	GRAYLYN GARR
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-DS-1041A

TECHNICAL TABLES/SPECIFICATIONS:
NONE

REVISION NOTES:

Ø	ISSUED FOR PERMITTING

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SIGNED MARK A. VANCE
DATE 8/25/2016 REG.NO. 27447

STATE OF CONNECTICUT · MARK A. VANCE · 27447 · LICENSED PROFESSIONAL ENGINEER

ANSI D SIZE

CONT. MECH. SPON.
ELEC. CIVIL OTHER

SPONSOR: T. MURPHY

VERSION: 0

MATCHLINE SEE DWG DS-1041A FOR CONTINUATION

Area	End Use	Size (Acres)	Acquisition/ Lease Date	Ready for Use Date	Release Date
BH-1	Laydown	1.00	9/1/2017	11/1/2017	5/1/2018
BH-5	See Note 1	1.50	1/1/2017	2/15/2017	End of Project

(1) GUARD HOUSES W/ SWING ARM & FENCE GATE

LEGEND

PROPERTY LINE

NOTES

1. CONSTRUCTION TRAILER AREA. TOTAL OF 44 SINGLE WIDE EQUIVALENTS.
2. CRANE MATS, PRECAST CONCRETE PANELS, OR ROAD PLATE NECESSARY TO SUPPORT OFF-LOADING EQUIPMENT POTENTIALLY LEVELED WITH GRAVEL AND/OR SAND.

CONSTRUCTION POWER

CM STAFF LIGHT VEHICLE TRAFFIC

WATER LINE TIE-IN TO CITY WATER

TEMPORARY TRANSFORMER

GATE

BH-5

TRAILER AREA

TEMPORARY GRINDER AND LIFT STATION

SEWER LINE WITH TRAILER HOOK-UPS

BH-1

HEAVY HAUL STAGING AREA

2-500 FT² HEAVY HAUL OFF LOAD (SEE NOTE 3)

BARGE DELIVERY AREA 1

TEMPORARY TRANSFORMER

GATE

TEMP RAMP IF NEEDED

N 2000 N 1500 N 1000

N 4000 N 4500 N 5000 N 5500 N 6000

20.73

PLANT NORTH

TRUE NORTH

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	8/25/2016	C.01950	ISSUE FOR PERMITTING	CDC	RFG	GLG		LWJ	MED

REVISION

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100' 50' 0 100' 200'

1"=100'

Project Location:
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STATE OF CONNECTICUT · MARK A. VANCE · 27447 · LICENSED PROFESSIONAL ENGINEER

BRIDGEPORT HARBOR UNIT 5
PLANT LAYOUT
GENERAL YARD
CONSTRUCTION AREA PLAN

ARRANGEMENT DESIGN - CIVIL GENER

PROJECT ENGINEERING DIVISION

PSEG
Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
CHRIS CARPENTER	ROGER GOODLET	GRAYLYN GARR
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-DS-1041B

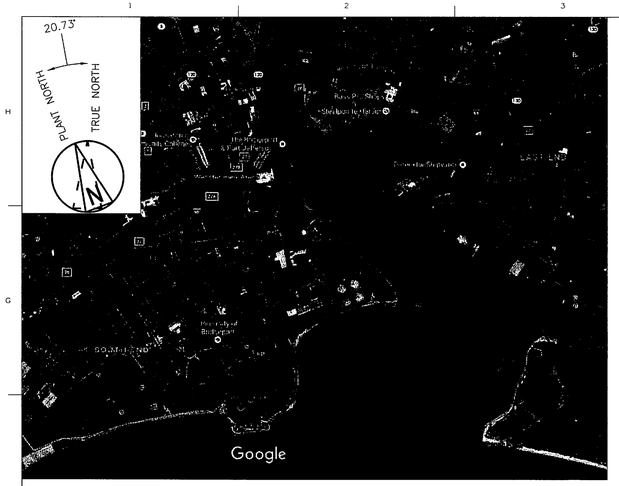
NO	REVISION NOTES
Ø	ISSUED FOR PERMITTING

ANSI D SIZE

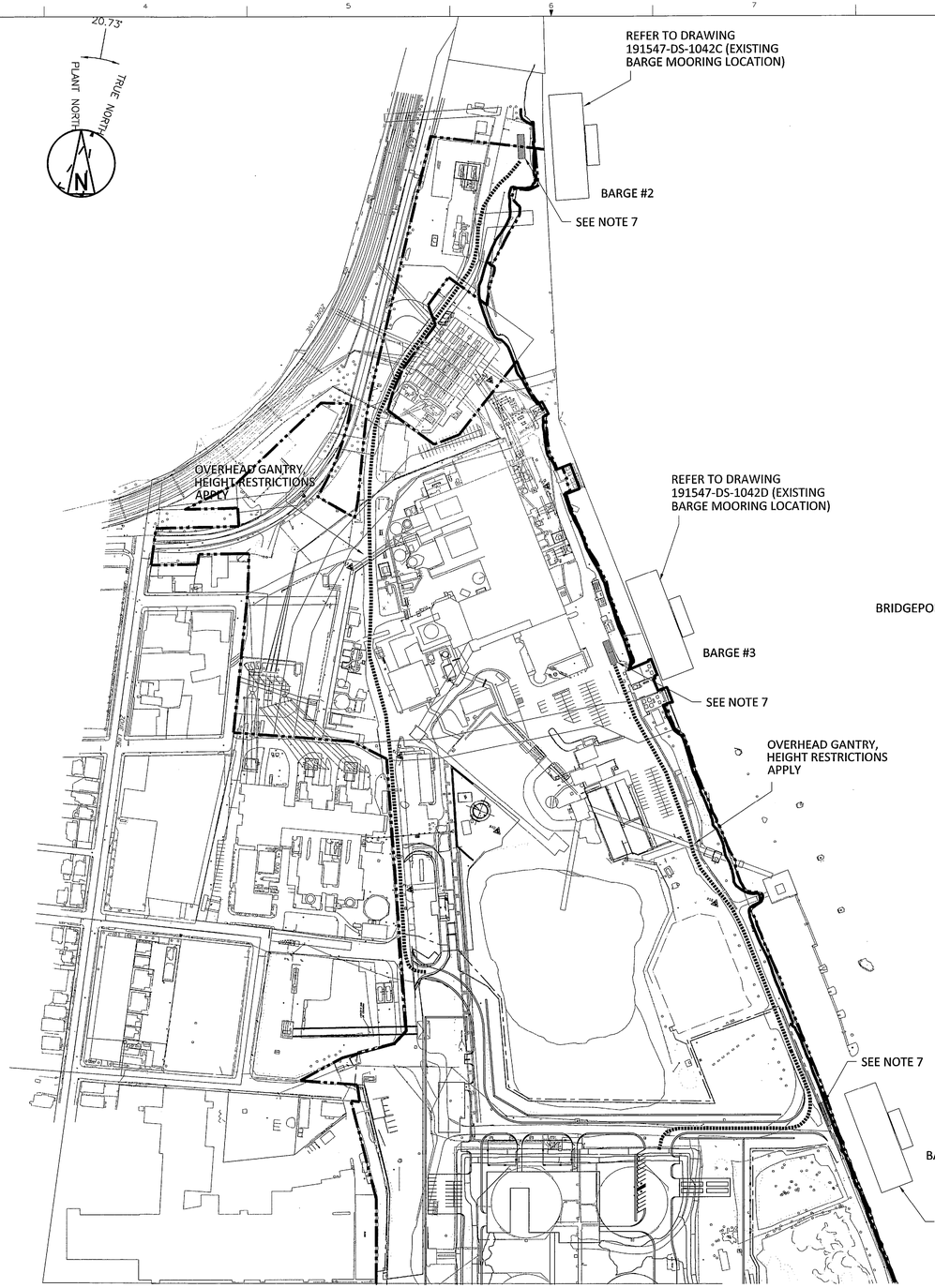
CONT. MECH. SPON.
ELEC. CIVIL OTHER

SPONSOR: T. MURPHY

VERSION: 0



LOCATION PLAN
NTS



KEY PLAN – BARGE MOORING LOCATIONS

LEGENDS/SYMBOL KEYS:

- SUPER SILT FENCE
- SILT FENCE
- LIMITS OF DISTURBANCE
- PROPERTY LINE ALONG MEAN HIGH WATER
- COASTAL JURISDICTION LINE
- NEW SECURITY FENCE
- SWITCHYARD FENCE
- NEW CONTOUR
- 99 EXISTING FENCE
- EXISTING CONTOUR
- 8 POTENTIAL HAUL ROAD BARGE #1
- POTENTIAL HAUL ROAD BARGE #2
- POTENTIAL HAUL ROAD BARGE #3

DESIGN NOTES:

1. ALL ELEVATIONS SHOWN ON DRAWINGS ARE BASED ON NAVD88 DATUM. TO CONVERT FROM NAVD88 TO THE CITY OF BRIDGEPORT DATUM, ADD 14.6 TO NAVD88 ELEVATIONS TO MEET BRIDGEPORT DATUM.
2. THE PROPERTY BOUNDARY AND COORDINATES ARE BASED ON THE TOPOGRAPHIC SURVEY DRAWINGS VT-1 THRU VT-5, VS-1 REV 1, DATED 11/06/2015 BY DESIGN PRO.
3. BARGE AREA #1 WILL BE USED FOR DELIVERY OF HEAVY HAULS AND STRUCTURAL MATERIALS, AS WELL AS SOIL AND OTHER MATERIALS. BARGE AREA #1 IS A TEMPORARY BARGE MOORING LOCATION.
4. USCG APPROVED LIGHTING FOR SAFETY WILL BE PROVIDED ON EACH BARGE, NOT SHOWN ON DRAWING FOR CLARITY.
5. BARGE AREA #2 AND #3 ARE EXISTING BARGE MOORING LOCATIONS AND WILL BE USED FOR DELIVERY OF HEAVY HAULS AND STRUCTURAL MATERIALS.
6. THE 100-YEAR FLOOD ELEVATION OF 14 FT NAVD88 IS BASED ON FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) REFERENCE NO. 09001C0441G, REVISED JULY 8, 2013. THE 500-YEAR FLOOD ELEVATION IS NOT SHOWN ON THE FIRM BUT IS ESTIMATED TO BE 15.3 FT NAVD88. THE FLOOD INSURANCE RATE STUDY FOR FAIRFIELD COUNTY (STUDY NO. 09001CV001C, REVISED OCTOBER 16, 2013) INDICATES THAT THE 500-YEAR STILLWATER ELEVATION IS 1.3 FT HIGHER THAN THE 100-YEAR STILLWATER ELEVATION. THEREFORE, THE MINIMUM GRADE EL = 16.5 FT NAVD88 IS ABOVE THE 500-YEAR FLOOD ELEVATION OF 15.3 FT.
7. CRANE MATS, PRECAST CONCRETE PANELS, OR ROAD PLATES AS NEEDED TO SUPPORT OFF-LOADING EQUIPMENT. POTENTIALLY LEVELED WITH GRAVEL OR SAND.

REFERENCES:

VS-1 BRIDGEPORT HARBOR SITE SURVEY

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2000' 1000' 0 2000' 4000'
1"=2000'

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.Ø1950	PERMIT ISSUE	JR	AN	PWS		LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
PLANT LAYOUT
LOCATION PLAN FOR
PROPOSED BARGE MOORING AREAS

ARRANGEMENT DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG Power Connecticut LLC

Project Location:
Fairfield County, CT

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DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
JOHN ROSE	ANDREA NORTHEY	PAUL SADOWSKI
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.
191547-DS-1042A

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

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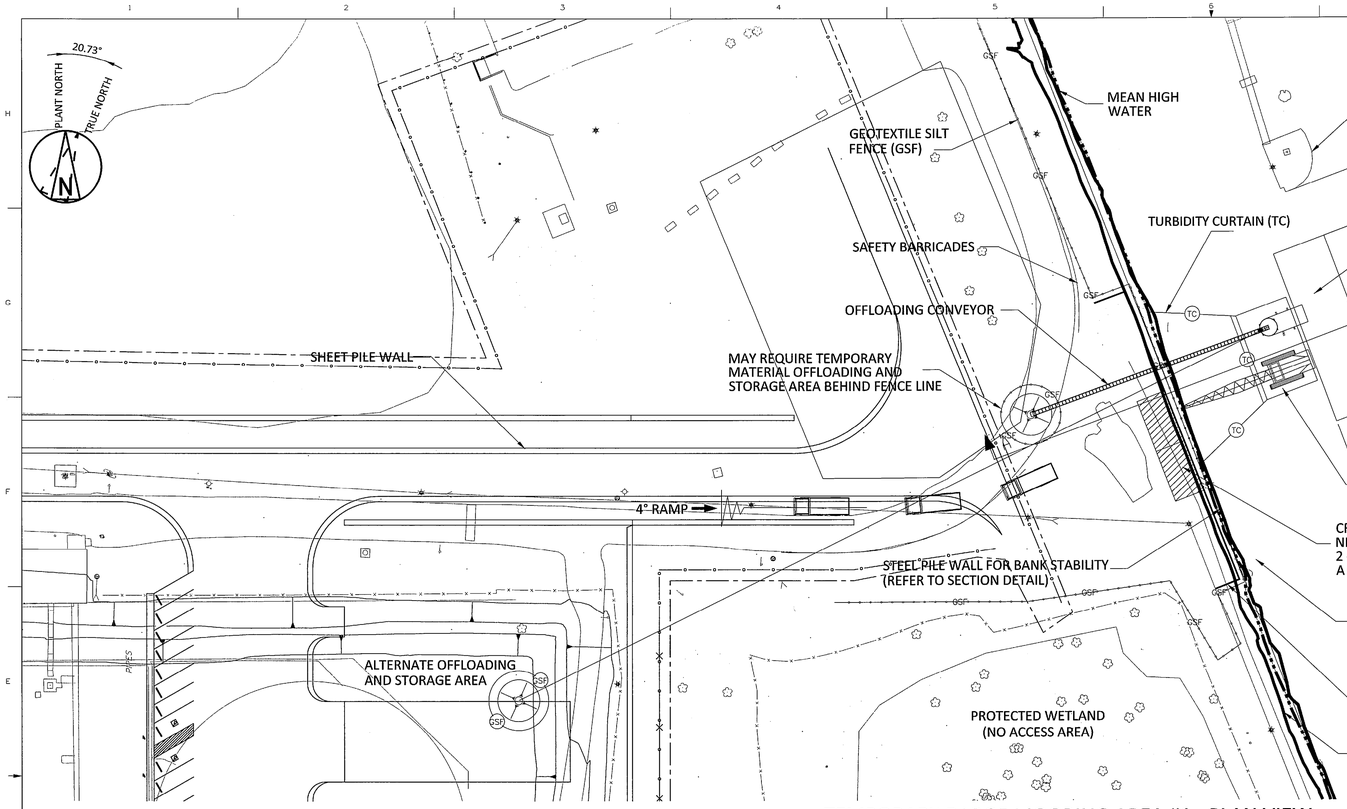
SIGNED MARK A VANCE
DATE 08/25/16 REG NO. 27447

STATE OF CONNECTICUT 27447 REGISTERED PROFESSIONAL ENGINEER

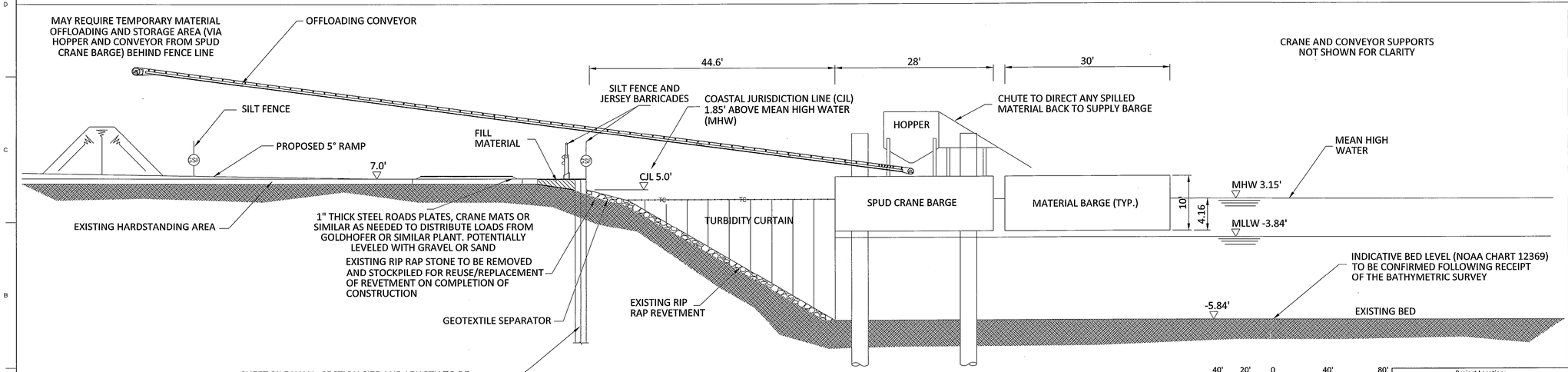
ANSI D SIZE

CONT. MECH. SPON.
ELEC. CIVIL OTHER

SPONSOR: T. MURPHY VERSION: 0



TEMPORARY BARGE MOORING AREA #1 - PLAN VIEW
(TRANSFER OF SOIL AND OTHER MATERIALS)
SCALE 1" = 40'



TEMPORARY BARGE MOORING AREA #1 - SECTION A-A
(TRANSFER OF SOIL AND OTHER BULK MATERIALS)
SCALE 1" = 10'

40' 20' 0 40' 80'
1"=40'
10' 0 10' 20'
1"=10'

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

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DATE 08/25/16 REG NO. 27447

Project Location:
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Corporate Headquarters:
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STATE OF CONNECTICUT · MARK A. VANCE · 27447 · LICENSED PROFESSIONAL ENGINEER

LEGENDS/SYMBOL KEYS:

1. SEE DRAWING DS-1042A FOR LEGENDS & SYMBOL KEYS.

DESIGN NOTES:

1. BARGE AREA #1 WILL BE USED FOR DELIVERY OF HEAVY HAULS AND STRUCTURAL MATERIALS, AS WELL AS SOIL OR OTHER MATERIALS. BARGE AREA #1 IS TEMPORARY BARGE MOORING LOCATION.
2. USCG APPROVED LIGHTING FOR SAFETY WILL BE PROVIDED ON EACH BARGE. NOT SHOWN ON DRAWING FOR CLARITY.
3. UNLOADING CRANE SHOWN ON SPUD BARGE WILL BE USED TO TAKE SOIL OR OTHER MATERIALS FROM THE MATERIAL SUPPLY BARGE (BATHYMETRIC SURVEY TO BE CONDUCTED TO VERIFY DEPTH AND FEASIBILITY).
4. CRANE MATS, PRECAST CONCRETE PANELS, OR ROAD PLATES AS NEEDED TO SUPPORT OFF-LOADING EQUIPMENT. POTENTIALLY LEVELED WITH GRAVEL OR SAND.
5. A SPILL TRAY WILL BE INSTALLED UNDER THE CONVEYOR AND A TURBIDITY CURTAIN WILL BE PLACED TO ISOLATE THE AREA UNDER THE CONVEYOR TO CONTAIN ANY TURBIDITY IN THE WORKING AREA.
6. DURING TRANSFER OF SOIL OR OTHER MATERIAL FROM THE SUPPLY BARGE, A DEFLECTOR WILL BE PLACED ON THE CRANE BARGE TO RETURN ANY MATERIAL DROPPED FROM THE CRANE TO THE MATERIAL SUPPLY BARGE.
7. TO CONVERT FROM NAVD88 TO THE CITY OF BRIDGEPORT DATUM, ADD 14.6 TO NAVD88 ELEVATIONS TO MEET BRIDGEPORT DATUM.
8. BASED ON THE TOPOGRAPHIC SURVEY DRAWINGS VT-1 THRU VT-5, VS-1 REV 1, DATED 11/06/2015 BY DESIGN PRO.
9. DRAWING SHOWS PROPOSED CONDITIONS.
10. COASTAL JURISDICTIONAL ELEVATION IS 5.0'.
11. TEMPORARY SHEETPILE AND FILL ABOVE MEAN HIGH WATER MAY BE NEEDED FOR BANK STABILITY.
12. SEE DRAWING DS-1042A AND DS-1041B FOR ADDITIONAL NOTES.
13. SILT FENCE DETAIL ON SHEETS 5STE-S3920A AND 5STE-S3920C.
14. TURBIDITY CURTAIN DETAIL ON SHEET 5STE-S3920C.

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REFERENCES:

VS-1 BRIDGEPORT HARBOR SITE SURVEY

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.01950	PERMIT ISSUE	JR	AN	PWS		LWJ	MED

REVISION

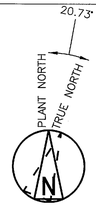
BRIDGEPORT HARBOR UNIT 5
PLANT LAYOUT
PLAN AND CROSS-SECTION OF BARGE AREA #1
DELIVERY OF SAND & BULK MATERIALS
PARTIAL SITE PLAN DESIGN-CIVIL GENERAL

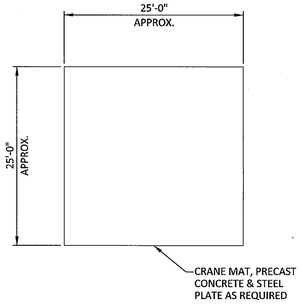
PROJECT ENGINEERING DIVISION
PSEG Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
JOHN ROSE	ANDREA NORTHEY	PAUL SADOWSKI
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

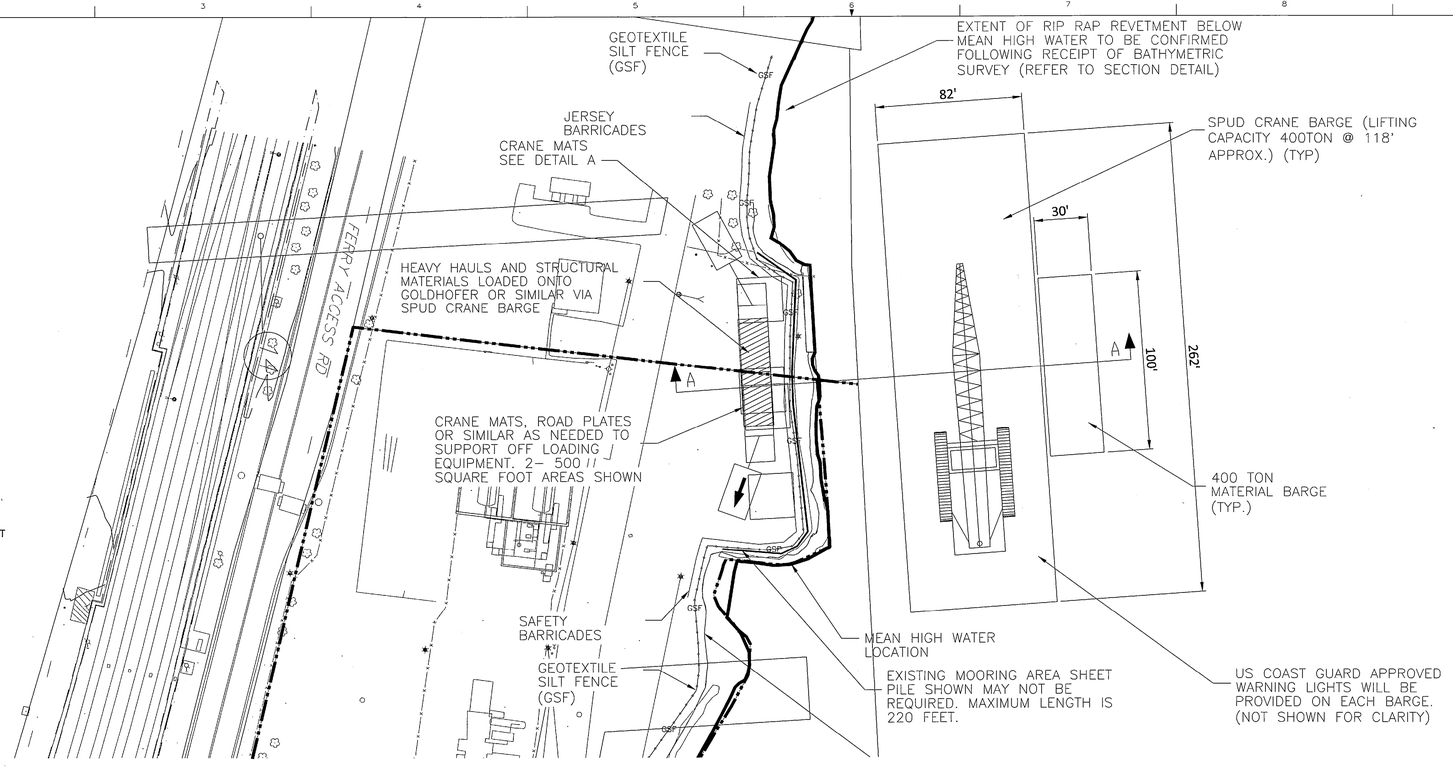
VENDOR NO.
191547-DS-1042B

ANSI D SIZE | CONT. | MECH. | SPON. | ELEC. | CIVIL | OTHER | SPONSOR: T. MURPHY | VERSION: 0

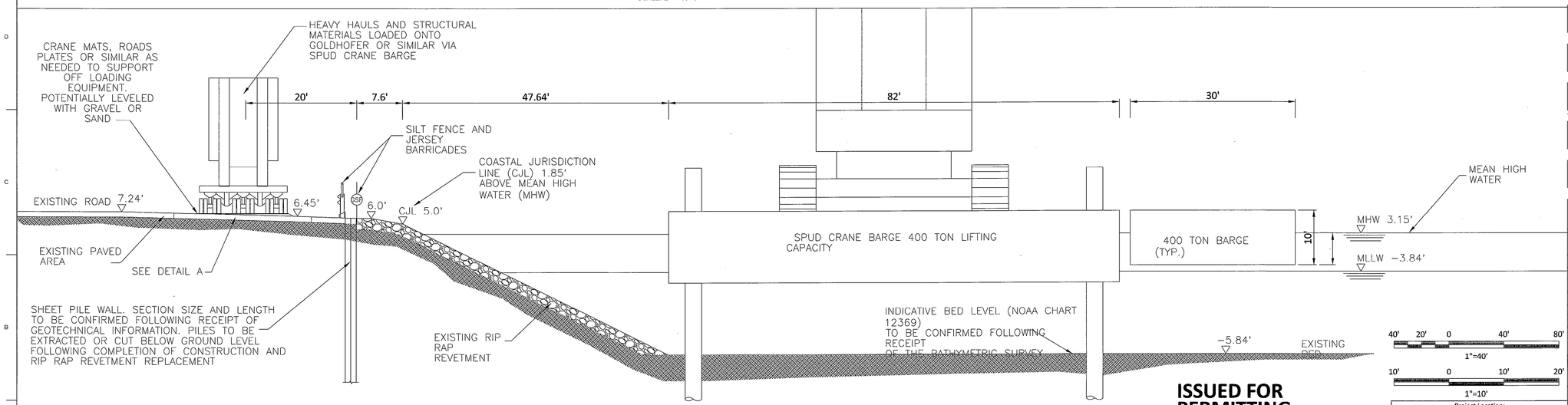




DETAIL A
SCALE: 1" = 10'-0"



EXISTING BARGE MOORING AREA #2 - PLAN VIEW
(TRANSFER OF HEAVY HAULS & STRUCTURAL MATERIALS)
SCALE: 1" = 40'-0"



EXISTING BARGE MOORING AREA #2 - SECTION A-A
(TRANSFER OF HEAVY HAULS & STRUCTURAL MATERIALS)
SCALE: 1" = 10'-0"

LEGENDS/SYMBOL KEYS:

1. SEE DRAWING DS-1042A FOR LEGENDS & SYMBOL KEYS.

DESIGN NOTES:

1. BARGE AREA #2 WILL BE USED FOR DELIVERY OF HEAVY HAULS AND STRUCTURAL MATERIALS. BARGE AREA #2 IS AN EXISTING BARGE MOORING LOCATION.
2. USCG APPROVED LIGHTING FOR SAFETY WILL BE PROVIDED ON EACH BARGE. NOT SHOWN ON DRAWING FOR CLARITY.
3. UNLOADING CRANE ON SPUD BARGE WILL BE USED TO TRANSFER HEAVY LOADS TO SHORE (BATHYMETRIC SURVEY TO BE CONDUCTED TO VERIFY DEPTH AND FEASIBILITY).
4. CRANE MATS, PRECAST CONCRETE PANELS, OR ROAD PLATES AS NEEDED TO SUPPORT OFF-LOADING EQUIPMENT. POTENTIALLY LEVELED WITH GRAVEL OR SAND.
5. TEMPORARY SHEET PILING AND FILLING MAY BE REQUIRED ABOVE THE CJL FOR BANK STABILITY.
6. TO CONVERT FROM NAVD88 TO THE CITY OF BRIDGEPORT DATUM, ADD 14.6 TO NAVD88 ELEVATIONS TO MEET BRIDGEPORT DATUM.
7. BASED ON TOPOGRAPHIC SURVEY DRAWINGS VT-1 THRU VT-5, VS-1 REV 1, DATED 11/06/2015 BY DESIGN PRO.
8. COASTAL JURISDICTION ELEVATION IS 5.0'.
9. SEE DRAWINGS DS-1042A AND DS-1041A FOR ADDITIONAL NOTES.
10. SILT FENCE DETAIL ON SHEETS 5STE-S3920A AND 5STE-S3920C.

REFERENCES:

VS–1 BRIDGEPORT HARBOR SITE SURVEY

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

NO	DATE	ACCT	DESCRIPTION
Ø	08/25/16	C.01950	PERMIT ISSUE

DWN	CKD	EXD	REV	REV	APD
JR	AN	PWS		LWJ	MED

REVISION

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40' 20' 0 40' 80'
1"=40'

10' 0 10' 20'
1"=10'

Project Location:
Fairfield County, CT

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Corporate Headquarters:
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SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

STATE OF CONNECTICUT · MARK A. VANCE · 27447 · LICENSED PROFESSIONAL ENGINEER

BRIDGEPORT HARBOR UNIT 5

PLANT LAYOUT
PLAN AND CROSS-SECTION OF BARGE AREA #2
HEAVY HAUL

PARTIAL SITE PLAN DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
JOHN ROSE	ANDREA NORTHEY	PAUL SADOWSKI
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

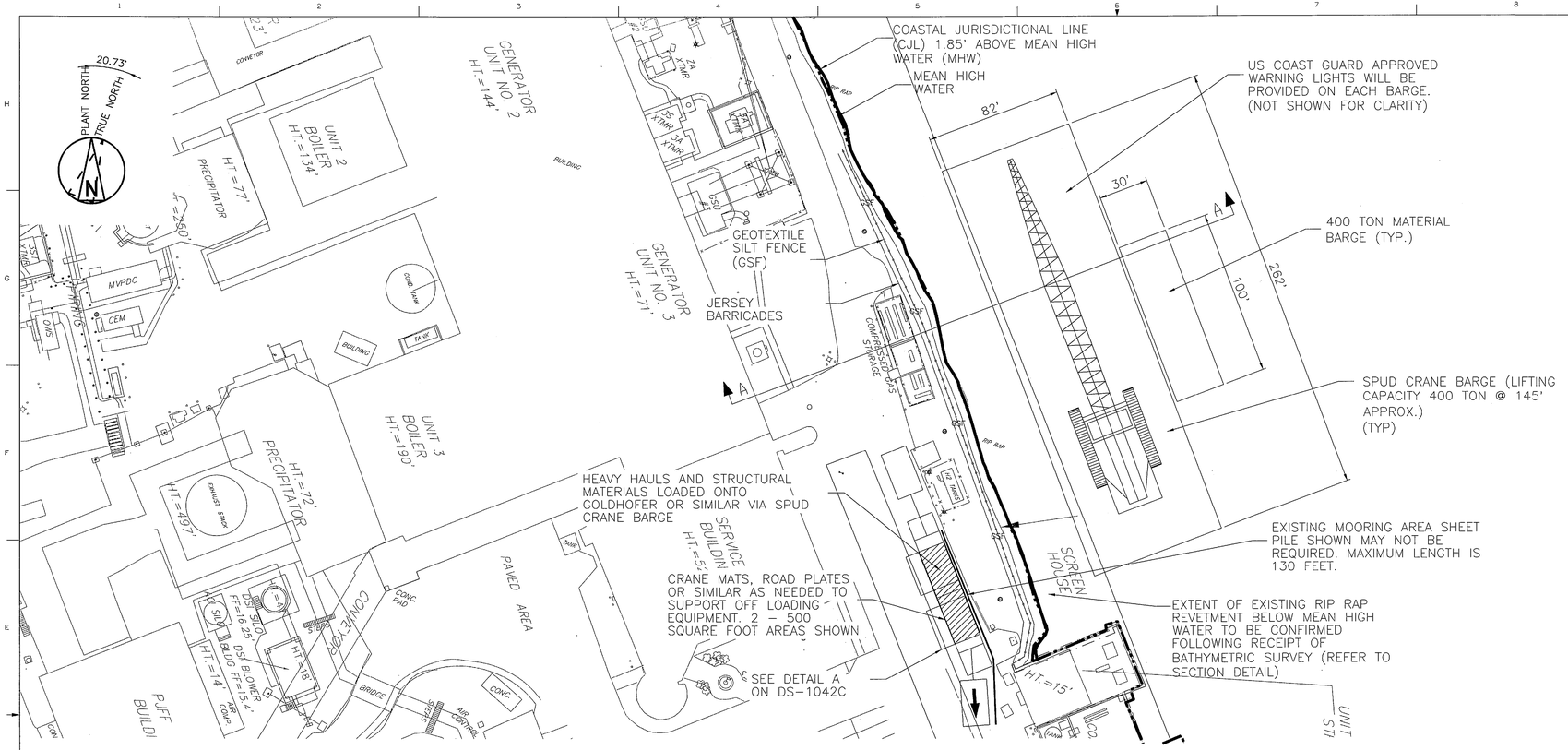
VENDOR NO.
191547-DS-1042C

ANSI D SIZE

CONT. BARGE/BARGE MECH. SPON.
ELEC. CIVIL OTHER

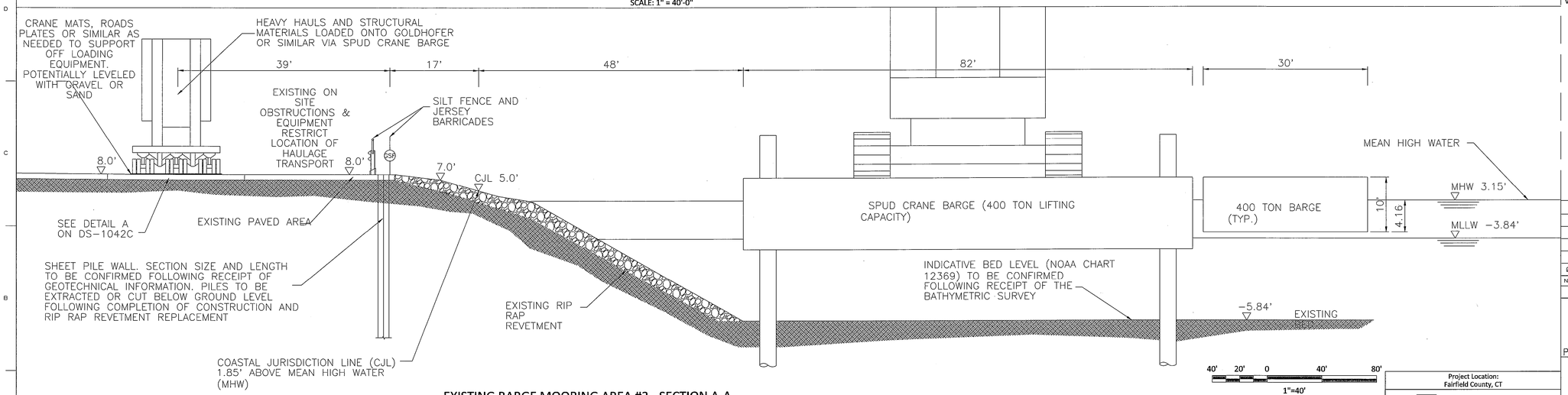
SPONSOR: T. MURPHY

VERSION: 0



TEMPORARY BARGE MOORING AREA #3 - PLAN VIEW
(TRANSFER OF HEAVY HAULS & STRUCTURAL MATERIALS)

SCALE: 1" = 40'-0"



EXISTING BARGE MOORING AREA #3 - SECTION A-A
(TRANSFER OF HEAVY HAULS & STRUCTURAL MATERIALS)

SCALE: 1" = 10'-0"

40' 20' 0 40' 80'
1"=40'

10' 0 10' 20'
1"=10'

LEGENDS/SYMBOL KEYS:

1. SEE DRAWING DS-1042A FOR LEGENDS & SYMBOL KEYS.

DESIGN NOTES:

1. BARGE AREA #3 WILL BE USED FOR DELIVERY OF HEAVY HAULS AND STRUCTURAL MATERIALS. BARGE AREA #3 IS AN EXISTING BARGE MOORING LOCATION.
2. USCG APPROVED LIGHTING FOR SAFETY WILL BE PROVIDED ON EACH BARGE. NOT SHOWN ON DRAWING FOR CLARITY.
3. UNLOADING CRANE ON SPUD BARGE WILL BE USED TO TRANSFER HEAVY LOADS TO SHORE (BATHYMETRIC SURVEY TO BE CONDUCTED TO VERIFY DEPTH AND FEASIBILITY).
4. CRANE MATS, PRECAST CONCRETE PANELS, OR ROAD PLATES AS NEEDED TO SUPPORT OFF-LOADING EQUIPMENT. POTENTIALLY LEVELED WITH GRAVEL OR SAND.
5. TEMPORARY SHEET PILING AND FILLING MAY BE REQUIRED ABOVE THE CJL FOR BANK STABILITY.
6. TO CONVERT FROM NAVD88 TO THE CITY OF BRIDGEPORT DATUM, ADD 14.6 TO NAVD88 ELEVATIONS TO MEET BRIDGEPORT DATUM.
7. BASED ON TOPOGRAPHIC SURVEY DRAWINGS VT-1 THRU VT-5, VS-1 REV 1, DATED 11/06/2015 BY DESIGN PRO.
8. COASTAL JURISDICTION ELEVATION IS 5.0'.
9. SEE DRAWINGS DS-1042A AND DS-1041A FOR ADDITIONAL NOTES.
10. SILT FENCE DETAIL ON SHEETS 5STE-S3920A AND 5STE-S3920C.

REFERENCES:

VS-1 BRIDGEPORT HARBOR SITE SURVEY

ISSUED FOR PERMITTING

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.81958	PERMIT ISSUE	JR	AN	PWS	X	LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
PLANT LAYOUT
PLAN AND CROSS-SECTION OF BARGE AREA #3
HEAVY HAUL
PARTIAL SITE PLAN DESIGN-CIVIL GENERAL

PROJECT ENGINEERING DIVISION

PSEG
Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
JOHN ROSE	ANDREA NORTHEY	PAUL SADOWSKI
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO.

191547-DS-1042D

SPONSOR: T. MURPHY VERSION: 0

Project Location:
Fairfield County, CT

BLACK & VEATCH
Building a world of difference®
Corporate Headquarters:
11401 Lamar Ave., Overland Park, KS 66211

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

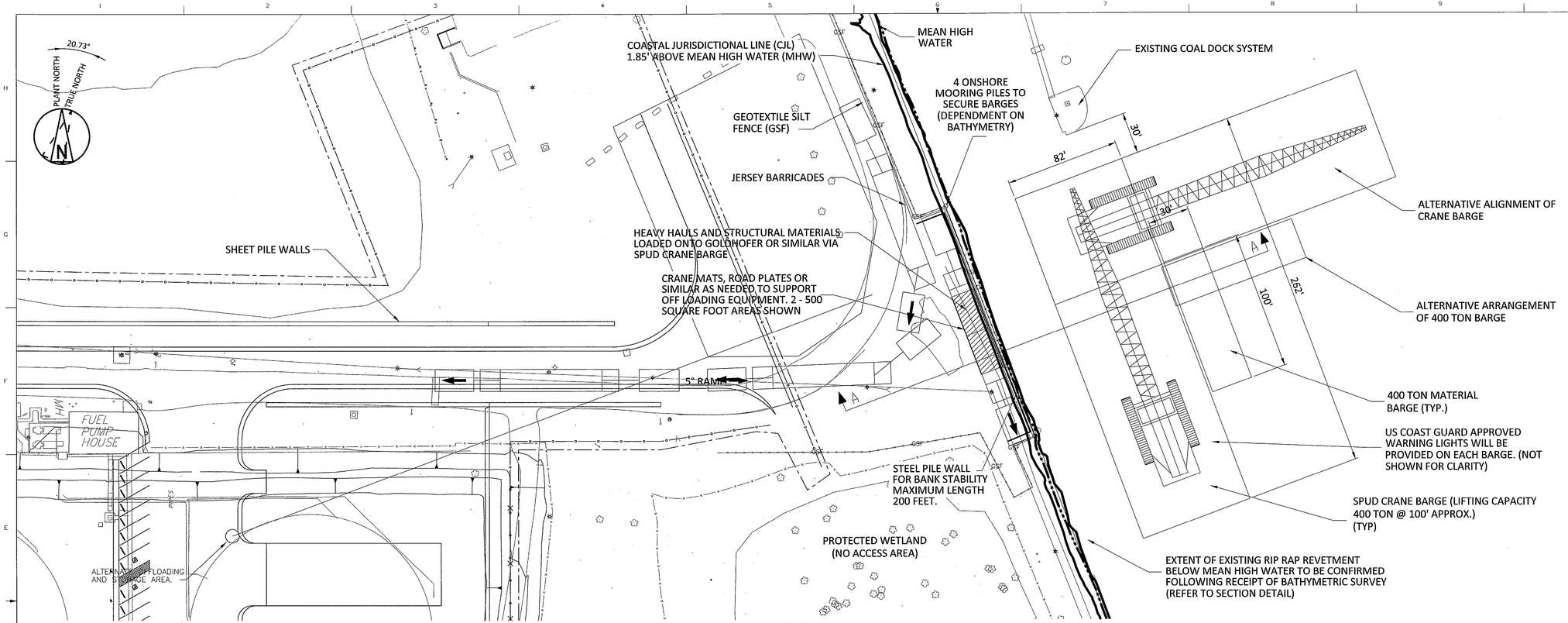
Ø ISSUED FOR PERMITTING

I HEREBY CERTIFY THAT THIS DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF CONNECTICUT
SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

STATE OF CONNECTICUT · MARK A. VANCE · 27447 · LICENSED PROFESSIONAL ENGINEER

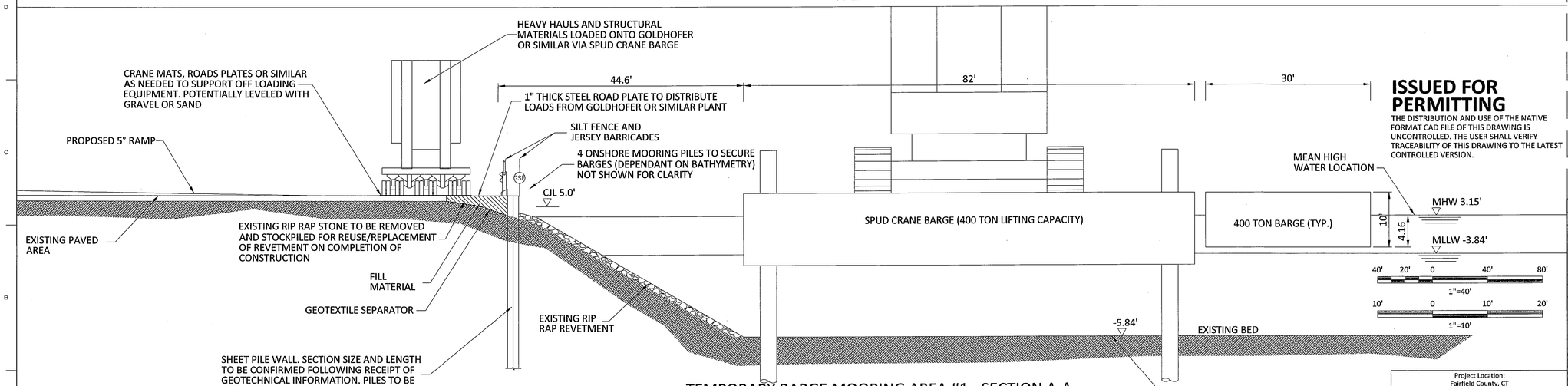
ANSI D SIZE

CONT. ELEC. CIVIL STRL. OTHER SPCN.



TEMPORARY BARGE MOORING AREA #1 - PLAN VIEW (TRANSFER OF HEAVY HAULS & STRUCTURAL MATERIALS)

SCALE 1" = 40'



TEMPORARY BARGE MOORING AREA #1 - SECTION A-A (TRANSFER OF HEAVY HAULS & STRUCTURAL MATERIALS)

SCALE 1" = 10'

LEGENDS/SYMBOL KEYS:

1. SEE DRAWING DS-1042A FOR LEGENDS & SYMBOL KEYS.

DESIGN NOTES:

1. BARGE AREA #1 WILL BE USED FOR DELIVERY OF HEAVY HAULS AND STRUCTURAL MATERIALS, AS WELL AS SOIL OR OTHER MATERIALS. BARGE AREA #1 IS A TEMPORARY BARGE MOORING LOCATION.
2. USCG APPROVED LIGHTING FOR SAFETY WILL BE PROVIDED ON EACH BARGE. NOT SHOWN ON DRAWING FOR CLARITY.
3. UNLOADING CRANE ON SPUD BARGE WILL BE USED TO TRANSFER HEAVY LOADS TO SHORE (BATHYMETRIC SURVEY TO BE CONDUCTED TO VERIFY DEPTH AND FEASIBILITY).
4. CRANE MATS, PRECAST CONCRETE PANELS, OR ROAD PLATES AS NEEDED TO SUPPORT OFF-LOADING EQUIPMENT. POTENTIALLY LEVELED WITH GRAVEL OR SAND.
5. TEMPORARY SHEET PILING AND FILLING MAY BE REQUIRED ABOVE THE CJL LINE FOR BANK STABILITY.
6. TO CONVERT FROM NAVD88 TO THE CITY OF BRIDGEPORT DATUM, ADD 14.6 TO NAVD88 ELEVATIONS TO MEET BRIDGEPORT DATUM.
7. BASED ON THE TOPOGRAPHIC SURVEY DRAWINGS VT-1 THRU VT-5, VS-1 REV 1, DATED 11/06/2015 BY DESIGN PRO.
8. DRAWING SHOWS PROPOSED SITE CONDITIONS.
9. COASTAL JURISDICTIONAL ELEVATION IS 5'.
10. SEE DRAWING DS-1042A AND DS-1041B FOR ADDITIONAL NOTES.
11. SILT FENCE DETAIL ON SHEETS 5STE-S3920A & 5STE-S3920C.

ISSUED FOR PERMITTING

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REFERENCES:

VS-1	BRIDGEPORT HARBOR SITE SURVEY

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
Ø	08/25/16	C.09150	PERMIT ISSUE	JR	AN	PWS		LWJ	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
PLANT LAYOUT
PLAN AND CROSS-SECTION OF BARGE AREA #1
HEAVY HAULS

DESIGN-CIVIL GENERAL PARTIAL SITE PLAN

PROJECT ENGINEERING DIVISION

PSEG Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
JOHN ROSE	ANDREA NORTHEY	PAUL SADOWSKI
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	WEY-JEN LEE	MICHAEL DRAKE

VENDOR NO. 191547-DS-1042E

Project Location: Fairfield County, CT

BLACK & VEATCH Building a world of difference®

Corporate Headquarters: 11401 Lamar Ave., Overland Park, KS 66211

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SIGNED MARK A. VANCE
DATE 08/25/16 REG NO. 27447

STATE OF CONNECTICUT · MARK A. VANCE · 27447 · LICENSED PROFESSIONAL ENGINEER

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

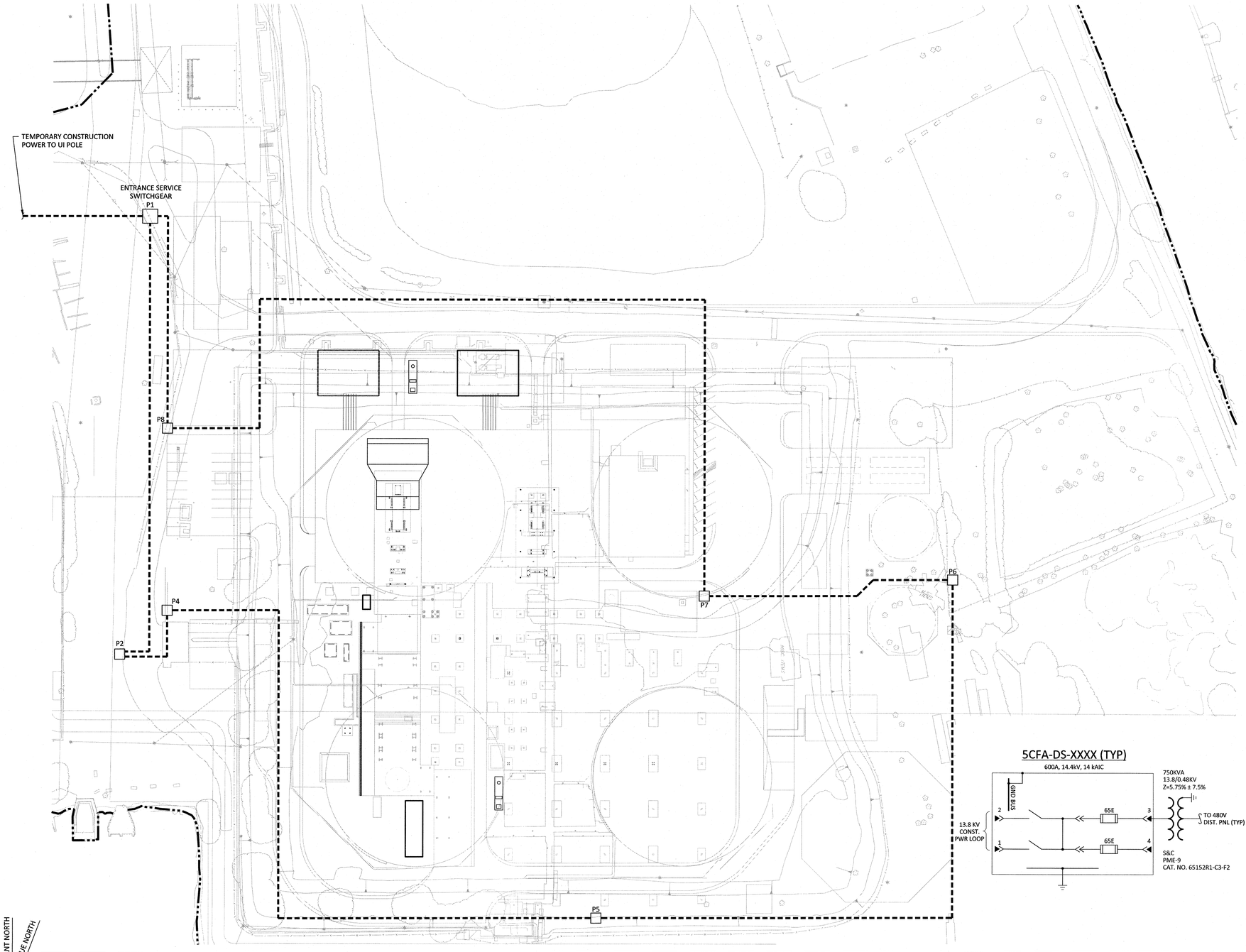
Ø	ISSUED FOR PERMITTING

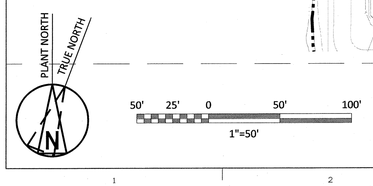
ANSI D SIZE

CONT. ELEC. CIVIL SPCN. OTHER

SPONSOR:

VERSION: 0





TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

1	ISSUED FOR PERMITTING
Ø	ISSUED FOR PERMITTING

LEGENDS/SYMBOL KEYS:

PX — TEMPORARY CONSTRUCTION POWER 15KV SWITCH/750KVA TRANSFORMER (DRY TYPE)

CONSTRUCTION POWER ROUTE

DESIGN NOTES:

REFERENCES:

ISSUED FOR PERMITTING

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SIGNED DAVID J. KOEHLER
DATE 08/25/16 REG NO. 25295

STATE OF CONNECTICUT — DAVID J. KOEHLER — No. 25295 — REGISTERED PROFESSIONAL ENGINEER

Project Location:
Fairfield County, CT

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Corporate Headquarters:
11401 Lamar Ave., Overland Park, KS 66211

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
1	Ø8/25/16	C.01950	PERMIT ISSUE	BPA	JWC	BCC		TK	MED
Ø	Ø8/11/16	C.01950	PERMIT ISSUE	BPA	JWC	BCC		TK	MED

REVISION

BRIDGEPORT HARBOR UNIT 5
CONSTRUCTION POWER
OVERALL SITE ARRANGEMENT

CONSTRUCTION POWER — ELECTRICAL

PROJECT ENGINEERING DIVISION

PSEG Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
BRENNAN ANDERSON	JIM COLEMAN	BRIAN CLEARWATERS
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	TAKEHARU KOGA	MIKE DRAKE

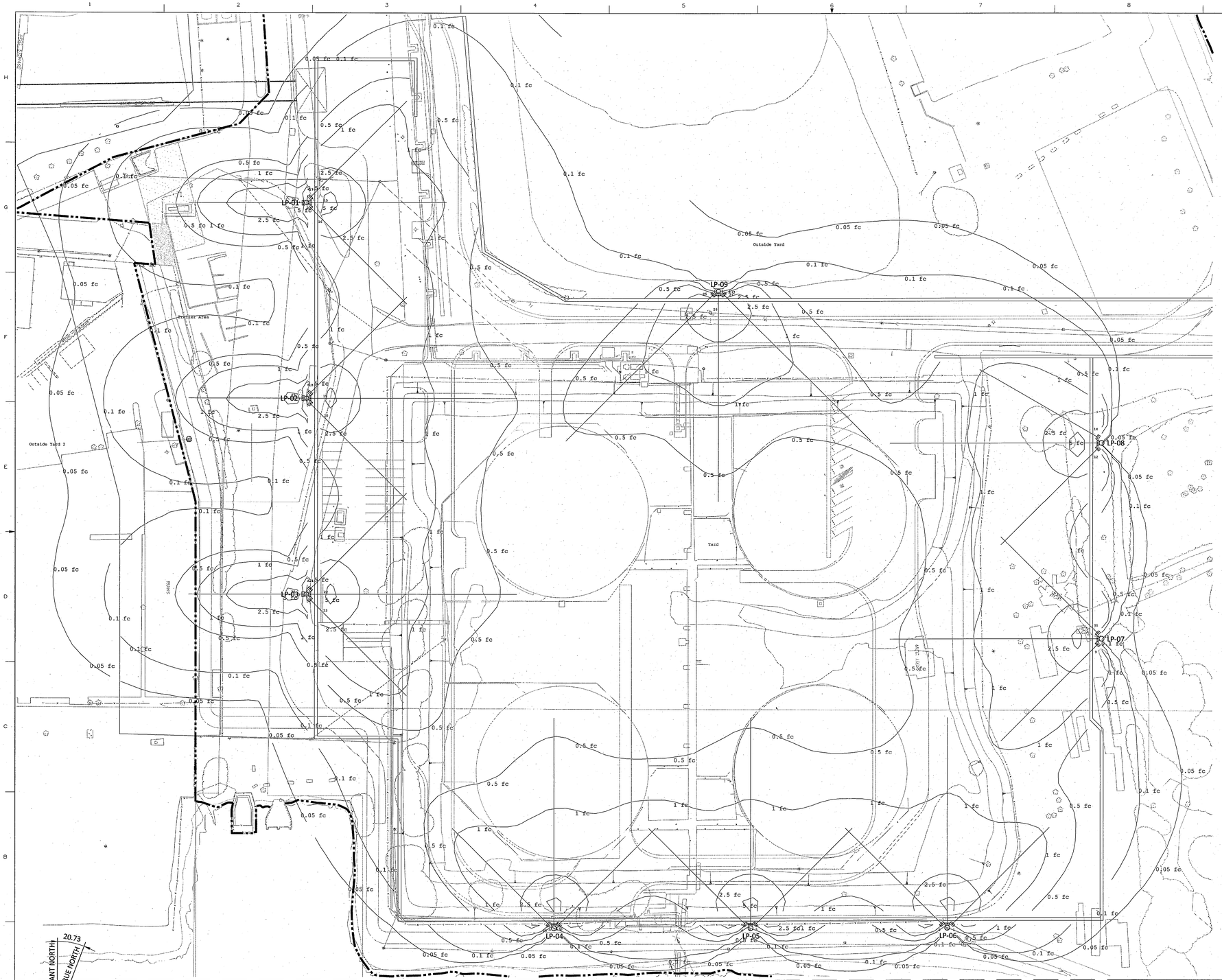
VENDOR NO.
191547-DE-E2950

ANSI D SIZE

CONT. ____ SPON. ____
ELEC. ____ CIVIL ____ OTHER ____

SPONSOR: T. MURPHY

VERSION: 1



LEGENDS/SYMBOL KEYS:

TEMPORARY CONSTRUCTION LUMINARS, 3-1000W HIGH PRESSURE SODIUM FLOODLIGHTS MOUNTED 30'-0" ABOVE EXISTING SITE GRADE ON A WOOD POLE LOCATED ON EXTERIOR SIDE OF THE SHEET PILE WALL. LP-XX REPRESENTS THE POLE ID NUMBER. (NOTE 1)

DESIGN NOTES:

1. LIGHTS SHOWN ON THIS DRAWING ARE TEMPORARILY INSTALLED FOR CONSTRUCTION, WILL BE REMOVED AFTER CONSTRUCTION COMPLETES.
2. LIGHTING SHALL OPERATE FROM DUSK TILL DAWN. LIGHTING LEVEL MAY BE REDUCED AFTER 10:00PM TO SECURITY LEVEL IF REQUIRED.

REFERENCES:

TECHNICAL TABLES/SPECIFICATIONS:

REVISION NOTES:

NO	DATE	ACCT	DESCRIPTION	DWN	CKD	EXD	REV	REV	APD
1	Ø8/25/16	C.01950	PERMIT ISSUE	BPA	JWC	KAH	X	TK	MED
Ø	Ø8/11/16	C.01950	PERMIT ISSUE	BPA	JWC	KAH	X	TK	MED

REVISION

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Project Location:
Fairfield County, CT

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Corporate Headquarters:
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SIGNED DAVID J. KOEHLER
DATE 08/25/16 REG NO. 25295

STATE OF CONNECTICUT DAVID J. KOEHLER No. 25295 REGISTERED PROFESSIONAL ENGINEER

BRIDGEPORT HARBOR UNIT 5
CONSTRUCTION LIGHTING
OVERALL SITE ARRANGEMENT

LIGHTING ELECTRICAL

PROJECT ENGINEERING DIVISION

PSEG
Power Connecticut LLC

DRAWN (B&V)	CHECKED (B&V)	EXAMINED (B&V)
BRENNAN ANDERSON	JIM COLEMAN	KENT HESSLER
REVIEWED (B&V)	REVIEWED (B&V)	APPROVED (B&V)
	TAKEHARU KOGA	MIKE DRAKE

VENDOR NO.
191547-DE-E2951

ANSI D SIZE | CONT. ____ MECH. ____ SPON. ____ | ELEC. ____ CIVIL ____ OTHER ____ | SPONSOR: T. MURPHY | VERSION: 1