Tab A – LCR Applicability and Sample Schedules Lead and Copper Rule (LCR) Logic Flowchart **Baseline Version** Tabs A - N Tab A: June 23, 2015 Initiate LCR requirements. This flow determines compliance with the (File name: LCR Flowchart Baseline lead and copper rule which establishes a Tabs A-N) treatment technique that includes requirements on reduced Does the primacy Does PWS Required only s this a small PWS Note that letter R was not used for for corrosion control treatment, source water ap monitoring schedule agency offer lead and have a full or for CWSs and (i.e., a PWS serving (e.g., annual, triennial, full treatment, lead service line replacement, and copper tap monitoring partial waiver for NTNCWSs. ≤ 3.300 persons)? Tabs in this Flowchart public education. These requirements are or partial waiver)? waivers for small PWSs? lead and/or copper? 141.80(a)(1) 141.86(g) triggered, in some cases, by lead and copper 141.86(d)(4) 141.86(g) 141.86(g) 141.86(g)(4) action levels measured in samples collected at Box 2 Box 6 Box 7 Box 8 consumers' taps. Box 5 141.80(b) Box 1 new PWS or has PWS never Go to Tab C New viously completed two, stems to determi ✓ PWS have any \ PWS is not eligible insecutive, six-month round compliance with upcoming long-term for a waiver. Go to Box 17. of initial LCR tap change in treatment or an addition Box 16 monitoring? of new source?(See Box 19a for Box 15 Go to Box 6. 142.16(k) Box 18 definitions of changes in long-term treatment.) Box 21 141.81(b)(3)(iii) 141.86(d)(4)(vii) 141.86(g)(4) Box 20 **Examples of long-term treatment changes include:** Was PWS Addition of a new treatment process or modification of an existing required to comply treatment process. with LSLR requirements Go to Tab N LSLR Go to Box 31 Examples of modifications include: Did PWS this compliance period? ✓ Switching secondary disinfectants, recently implement Box 24 141.84 Box 23 ✓ Switching coagulants (e.g., alum to ferric chloride), and any upcoming long-term ✓ Switching corrosion inhibitor products (e.g., orthophosphate to change in treatment or addition of Box 22 blended phosphate). a new source ? (See Box 19a for Long-term changes can include dose changes to existing chemicals if the Go to Box 6. definitions of changes in long-term PWS is planning long-term changes to its finished water pH or residual treatment.) Box 14 141.81(b)(3)(iii) Long-term treatment changes would not include chemical dose fluctuation 141.86(d)(4)(vii) associated with daily raw water quality changes. 141.86(g)(4) 141.90(a)(3) Box 19a equired to compl PN Violation Code 75 TT 58 (Ccode 5000) for failure by PWS with a full or with PE requiremen Go to PN Rule Flowchart partial monitoring waiver under 141.86(g) to notify the / At a time a CWS? for RTC this compliance period? Lead and Copper Tap Monitoring Requirements specified by the primacy agency and get primacy agency approval of an 141.85 upcoming long-term change in treatment or addition of 30 primacy agency, or a new source before implementing the change. if no specific time is - All tap samples must be collected from representative sites as described in the approved sampling plan (See Tab F Sampling Plan). designated, then as early as - The minimum number of tap samples to collect is based on population served and whether PWS is on Standard or Reduced monitoring possible prior to the addition of a 1. PWS must provide Tier 3 public notice. Does PWS schedule. See Tab C 141.86(c) for requirements. new source or any long-term change in water / have a full or ` Did PWS treatment, did PWS that is: 1) deemed to have partial waiver? provide Tier 2 to Tab P: PE fo - PWS must collect two consecutive rounds of 6-month tap samples. Samples should be collected in the six-month period of January to June 'es▶ 2. PWS must notify the primacy agency of the long-term optimized corrosion control, 2) subject to Go to Box 39 141.86(g)(4) Public Notice? and July to December. 141.86(d) NTNCWSs change in treatment, and/or the addition of a new source, reduced monitoring, and/or 3) subject to a 141.203 - PWS is required to collect the standard number of tap samples. monitoring waiver, submit written and the primacy agency must approve the change or new Go to Box 6. Box 28 Box 36 Reduced monitoring (annual) documentation to primacy agency Box 34 - PWS that serves ≤ 50,000 may reduce sampling to annual if results from initial monitoring do not exceed action levels. 141.86(d)(4)(i) 3. Enter return to compliance date as the date of primacy Box 35 describing the change - If approved by the primacy agency, PWS may also reduce monitoring to annual if results from initial monitoring meet the lead action level or addition? agency approval. and PWS maintains the range of values for water quality parameters specified by the primacy agency. 141.86(d)(4)(ii) 4. Once steps 2-3 are completed, PWS has RTC. 141.90(a)(3) - PWS may collect a reduced number of samples based on population served (see Eval Result for Sample Validity Tab). 141.86(c) and 141.86(g)(4)(iii) & 141.90(a)(3) Was PWS - Samples must be collected during June, July, August, or September (referred to as "summer months"), or an alternate four-month period Go to PN Rule required to meet defined by the primacy agency (per 141.86(d)(4)(iv)(A)). Has primacy Does PWS - PWS is required to collect the reduced number of tap samples. Flowchart OCCT requirements serve >50,000? cy designated OWO this compliance Triennial monitoring (one sample every three years) 141.81(a)(1) 141.81(d)(6) period? - After three consecutive years of monitoring where PWS meets action levels, or where PWS meets lead action level and the primacy agency-141.81(e)(5) 141.81(e) specified range of water quality parameters if PWS has installed CCT, primacy agency may permit PWS to monitor for lead and copper once Box 40 every three years. Approval must be in writing. toring Violation 52 (Ccode 5000) for Box 41 - Samples must be collected no later than every third calendar year. 141.86(d)(4)(iii) Failure by a system that is deemed optimized under to - Samples must be collected during the summer months, or an alternate four-month period defined by the primacy agency (per notify the primacy agency of an upcoming long-term The State must review and change in treatment or addition of a new source. - PWS is required to collect the reduced number of tap samples. approve the addition of a new Accelerated reduced monitoring source or long-term change ir L. PWS must provide Tier 3 public notice. - It lead levels are ≤ 0.005 mg/L, and copper levels are ≤ 0.65 mg/L for two consecutive 6-month periods, PWS may reduce to triennial Has PWS deemed a b1 provide a Tier monitoring. 141.86(d)(4)(v) nplemented by the water Go to PN Rule 3 Public Notice? been considered and has population ystem. Examples of long-term - PWS must comply with requirements for triennial monitoring identified above. Flowchart Go to Box 75 2. PWS must report the long-term change in treatment or increased above 50,000 141.204 eatment changes are include an addition of a new source and the primacy agency 141.81(b) since they were deemed? - Small systems may apply for a full or partial waiver. Waiver reduces sampling to once every 9 years. See Tab L 9-Year Waiver for waiver Box 49 approves the change or addition. 141.81(b)(1) 141.90(a)(3) Box 45 requirements. 141.86(g) 3. Enter return to compliance date as the date of receipt of Box 47 -Assume that PWSs with pre-existing waivers prior to April 11, 2000 are subject to the same criteria as the PWSs issued waivers after that onsumer notice, certification, or correction. Box 48 Box 43 date, because they were required to demonstrate they met the eligibility requirements by September 30, 2000. They are treated equally on 1. Once steps 2-3 are completed, PWS has RTC. [141.81(b)(3)(iii) & 141.90(a)(3)] PWS Deemed Optimized for Corrosion Control Treatment - Once PWs has been deemed optimized for CCT, it must continue lead and copper tap sampling on the following schedule: - For "b3 systems" that are optimized under 141.81(b)(1), triennial tap sampling is required. PN Violation Code 75 - For all other PWSs deemed optimized, tap sampling will be conducted on the same schedule as other PWSs, see criteria above. Go to Box 6 Go to PN Rule Flowchart - After installation of OCCT, PWS must collect two consecutive rounds of 6-month tap samples within 36 months after the primacy agency for RTC / Did primacy \ designates corrosion control treatment. Samples should be collected in the six-month period of January to June or July to December. PWS may not 52 ∕agency review and 141.86(d)(1) for large PWSs and 141.86(d)(2)(ii) for small and medium PWSs. implement change in approve the addition of - PWS is required to collect the standard number of tap samples. long-term treatment or new source or long-term add new source until change in treatment? - After two rounds of monitoring where results are below the lead AL, PWS may discontinue LSLR. 141.84(f) primacy agency has 141.81(b)(3)(iii) approved it. Go to Box 141.86(d)(4)(vii) 141.86(g)((4)(iii) Box 51 Box 50 Was the PWS required to meet Clarification of references to time periods: Go to Tab T WQP ≤ OWQP sampling Go to Box 75 requirements this "Subsequent" or "Next" compliance period or monitoring period occurs compliance period? Primacy agency may add additional requirements to satisfy that the change in treatment or source will after you have gone through all required steps in the flow and reached a Box 60 141.81(e) Box 59 final step where it's indicated that PWS is "Done with LCR requirements" not adversely affect the water quality or compliance. The requirements may include: "This" or "Current" compliance period is the period we are evaluating in \ Box 57 1) For deemed PWSs: conduct additional monitoring; or require other actions it deems appropriate to ensure that PWS maintains minimal levels of corrosion in the distribution system; "Previous" compliance period refers to a historical period, before the 2) For PWSs on reduced monitoring: require PWS to resume six-month monitoring at standard number period that is currently being evaluated. of sites; or take other appropriate steps, such as increased WQP monitoring or reevaluation of OCCT, given the potentially different water quality considerations; or For PWSs with full or partial waiver: to add or modify waiver conditions (e.g., require recertification that the PWS is free of lead-containing and/or copper-containing materials, require additional round(s) of monitoring), if it deems such modifications are necessary to address treatment or source water PWS was not required by changes at the PWS. 141.81(b)(3)(iii) the primacy agency to 141.86(d)(4)(vii) meet OWQPs after Considerations for consecutive systems: installation of OCCT. 141.86(g)(4)(iii) When a public water system supplies water to one or more other public water systems, the primacy agency may modify the monitoring requirements imposed by this part to the extent that the interconnection of the Box 55 Box 61 systems justifies treating them as a single system for monitoring purposes. Any modified monitoring shall be conducted pursuant to a schedule specified by the primacy agency and concurred in by the Administrator of the U.S. Environmental Protection Agency. 141.29 - Primacy agency submits written description to EPA Regional Office of how the monitoring, treatment, and reporting requirements will be administered and enforced in consecutive systems that consolidate their - Agreement would note which PWS is responsible for each aspect of monitoring, Including which PWS should Is the PWS be held accountable for rule violations. For example, the parent PWS (seller) may collect all tap samples and Go to Box 75 include samples from the consecutive systems distribution system. Another common example involves 90th / Did primacy \ 141.81(b) percentile values: they may be calculated separately for each system, or conversely, the terms of the agency have any Box 66 agreement may set up one sampling plan and plan for calculation of one 90th percentile value using both additional requirements Box 65 parent and consecutive distribution system tap samples. additional monitoring, or other action - The consecutive PWSs may also have signed contracts/agreements with one another. deemed appropriate to ensure that Go to Box 6. systems maintain minimal levels of corrosion in the distribution system)? Box 64 - The 1991 LCR preamble indicates that EPA expects the parent PWS to handle corrosion control treatment 141.81(b)(3)(iii) throughout the distribution system, so the purchaser may not be responsible for OCCT steps. 141.86(d)(4)(vii) - Also see the January 10, 1992 EPA memo "Consecutive Systems Regulated under the National Primary 141.86(g)(4)(iii) Drinking Water Regulations for Lead and Copper." - Because the terms of each agreement may vary, consecutive systems are not addressed further in this flow. We assume each PWS is responsible for all aspects of the regulation and will be assigned violations Is the PWS meeting primacy TT Violation agency-determined Go to Box 75 Box 4 requirements appropriate to Code 59 ensure OCCT is maintained? Box 72 Box 71 141.81(b) Factors Weighed in Determining Lead and Copper Tap Monitoring Schedule If primacy agency Box 70 comply with Special corrosivity monitoring and lead ban macy agency-established the result would - CWSs must identify construction materials in the distribution system, and report to the primacy agency: lead requirements? Go to Box 6. have to be from piping, solder, caulking, interior lining of distribution mains, alloys and home plumbing; copper from piping 141.81(b)(3)(iii) evaluated on Tabs D and alloys, service lines and home plumbing, ferrous piping materials such as cast iron and steel. 141.42(d) 141.86(d)(4)(vii) and E. - Use of lead pipes, solder, or flux is prohibited after June 19, 1986. 141.43 141.86(g)(4)(iii) Box 68 Box 67 - PWSs must complete a materials evaluation of the distribution system by the time monitoring begins to identify the sampling sites. All samples must be first draw samples, and samples may not be collected from point-of-use or point-of-entry treatment devices that remove inorganic contaminants (unless there are no other sites that meet the Tier levels described below, and the sample sites are representative of the distribution system). 141.86(a)(1) and (a)(2) and 141.86(5). - PWSs must collect tap samples sites from appropriate locations in the distribution system according to Tier level (requirements are specified in the Eval result for Sample Validity Tab). 141.86(a)(3) through (a)(8). on 6-month Go to Tab G 6-- All tap samples must be first draw samples. 141.86(b)(1). Month M/R Definition of PWS sizes for purpose of the LCR: monitoring schedule? 141.81(d)(1) 141.86(d)(3) 141.86(d)(1)(ii)(B) Medium PWS: serving more than 3,300 and ≤50,000 persons Small PWS: serving ≤ 3,300 persons Box 74 Box 75 Box 19 Tab AD – Recordkeeping Tab B – LCR Tap Monitoring Requirements Is PWS on Go to Tab H annual monitoring schedule? 141.86(d)(4)(i) § 141.86 Monitoring requirements for lead and copper in tap water. 141.86(d)(4)(ii) Box 78 Did PWS retain PWS is in Box 77 / øn its premises origina compliance with § 141.86(c) ecords of all PE materials recordkeepting for no fewer than 12 requirements Number of sites 141.91 (standard Number of sites (reduced System size (number of / Is PWS Go to Tab I Triennia monitoring) monitoring) people served) on accelerated reduced monitoring? 141.86(d)(4)(v) >100,000 100 50 141.86(d)(4)(v) Box 80 10,001 to 100,000 60 30 Box 79 Other Code 09 (Ccode 5000) for a PWS that fails to 3,301 to 10,000 40 20 retain on its premises original records of all sampling data and analyses, reports, surveys, letters, 20 10 501 to 3,300 evaluations, schedules, primacy agency determinations, and any other information for no 101 to 500 10 fewer than 12 years.

> PWS is on a triennial

monitoring

Schedule.

141.86(d)(4)(i)

141.86(d)(4)(ii)

Box 81

Go to Tab I Triennial

141.86(d)(4)(iii)

Box 82

?100

5

- Standard monitoring is the term used to describe a six-month monitoring period, including initial monitoring and

- Reduced monitoring is the reduced monitoring schedule permitted after the primacy agency evaluates results from the

follow-up monitoring (which is required after installation of optimal corrosion control treatment).

initial and follow-up sampling rounds and approves a reduced schedule.

1. No PN required for reporting violation.

when the PWS returned to compliance.

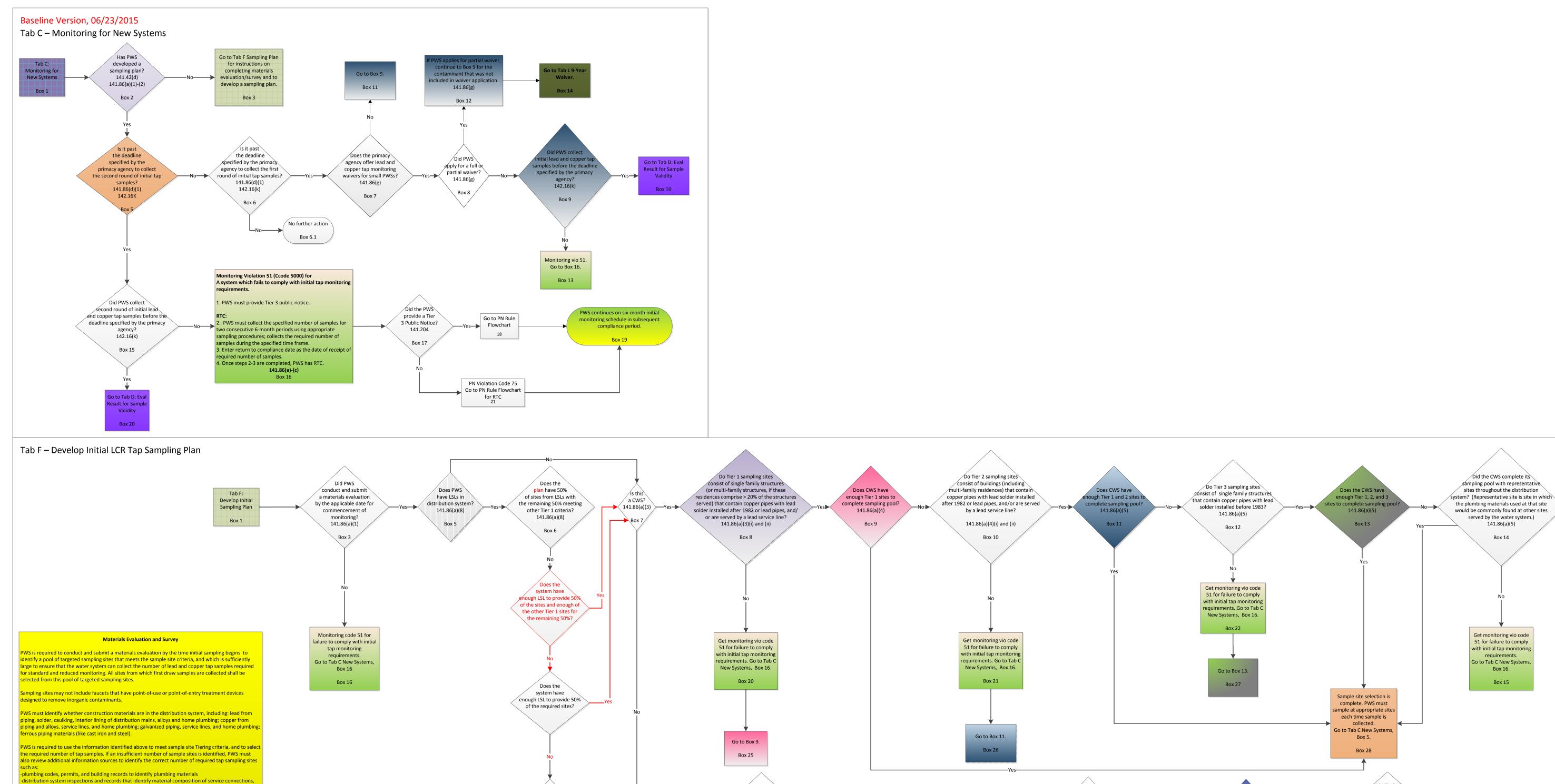
2.RTC is achieved once the system provides the

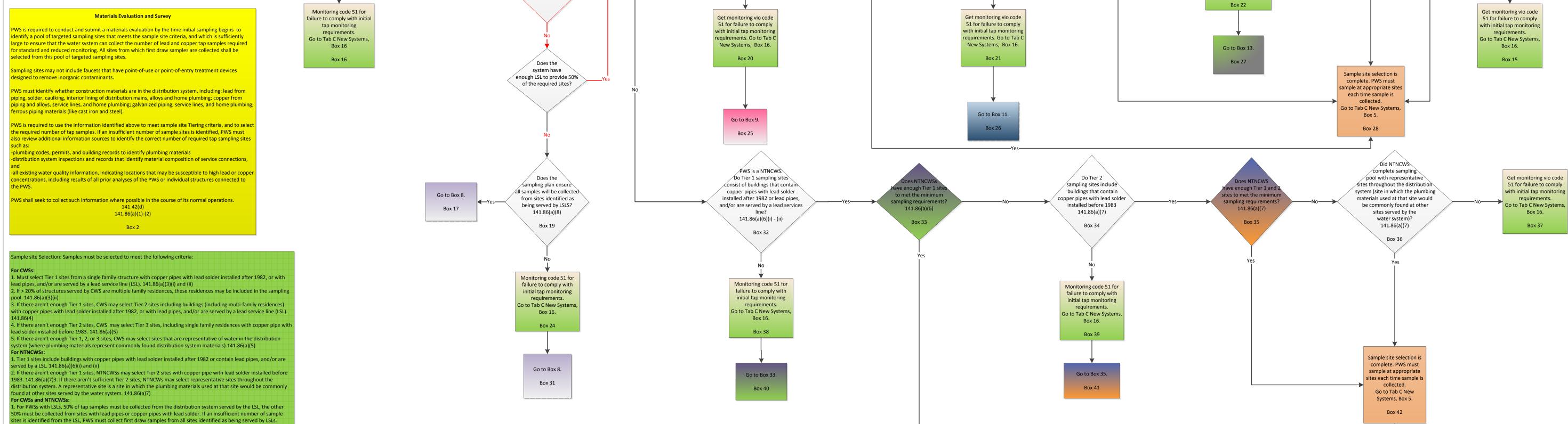
documented materials to the primacy agency.

4. Once steps 2-3 are complete, PWS has RTC.

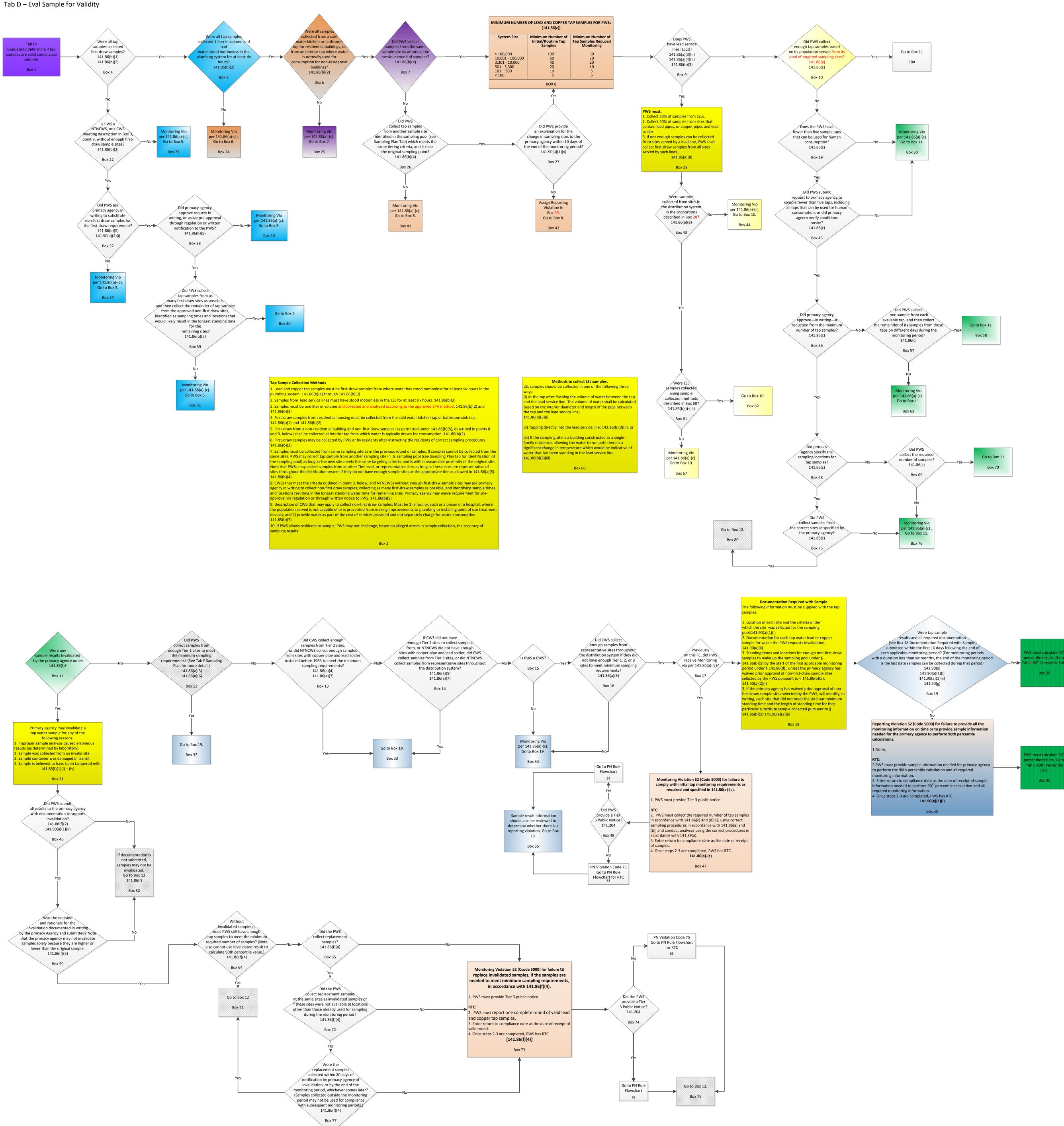
3. Enter return to compliance code with the date of

RTC for 09:

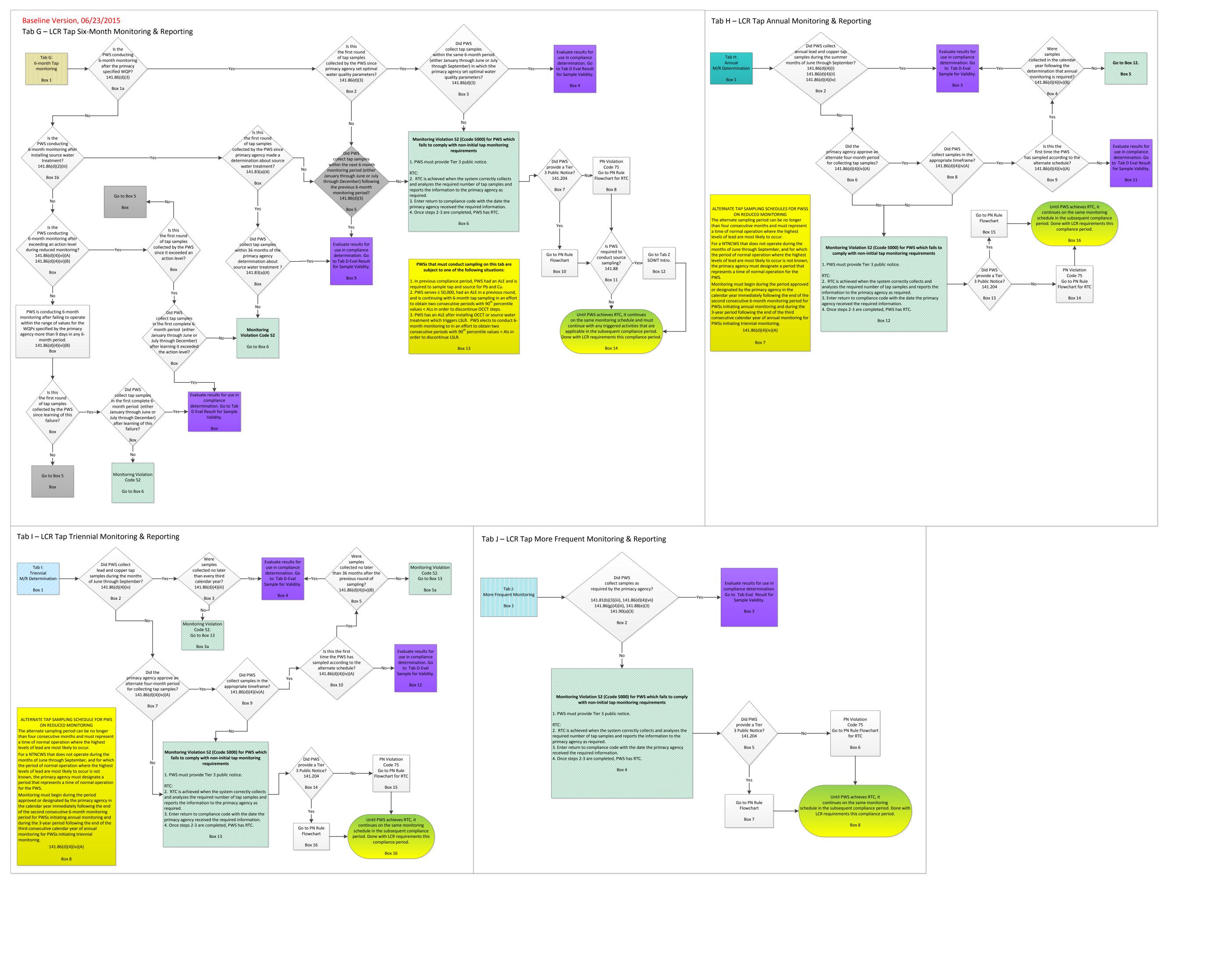


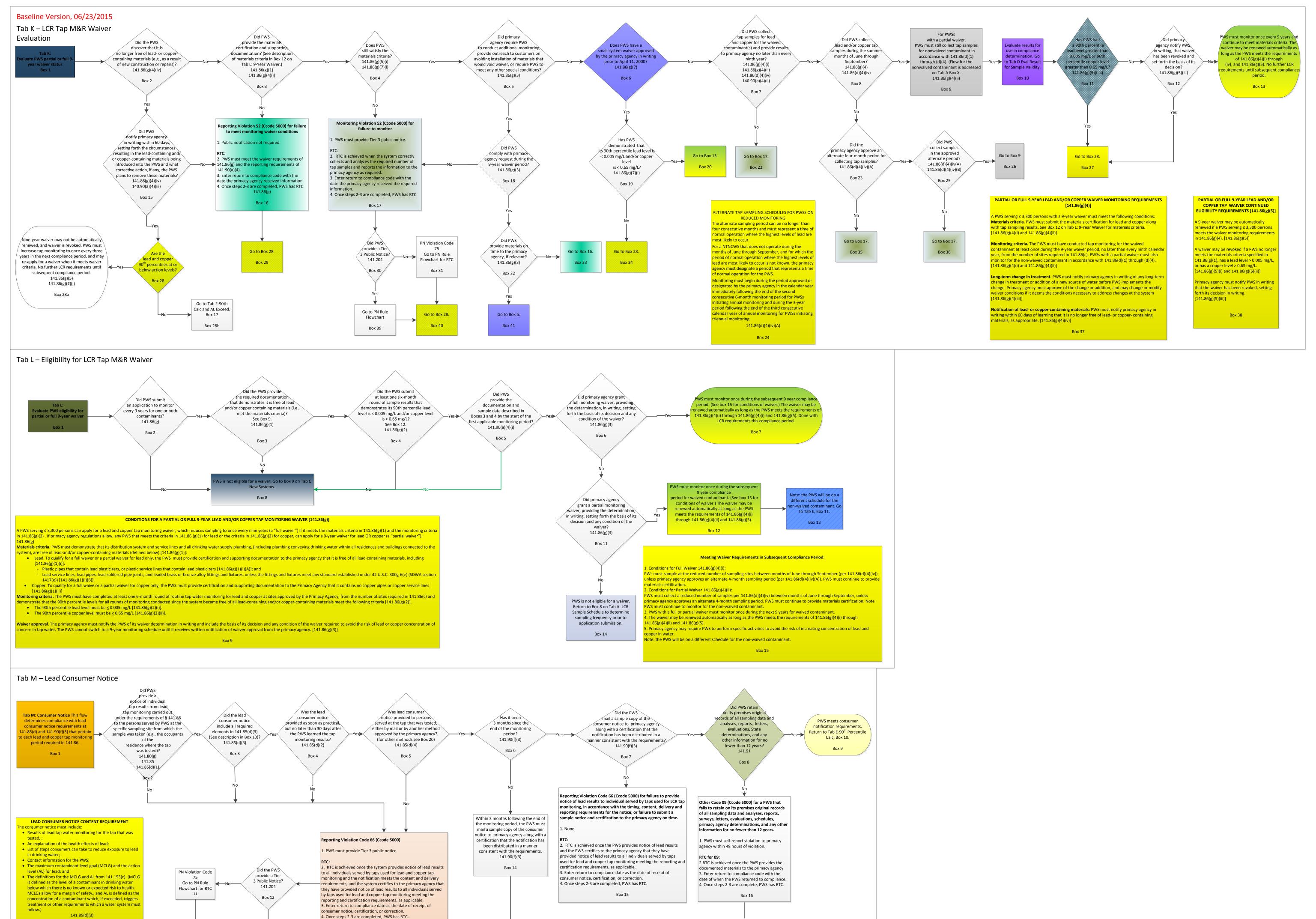


141.86(a)(8)



Box 110





Alternate Distribution Methods

For example, upon approval by the State, a non-transient non-community water system

could post the results on a bulletin board in

information. The system must provide the

notice to customers at sample taps tested

ncluding consumers who do not receive

Box 20

Go to box 9.

Box 21

the facility to allow users to review the

(141.86(d)(4))

water bills.

Go to Box 7

Box 19

Box 13

Go to PN Rule

Flowchart

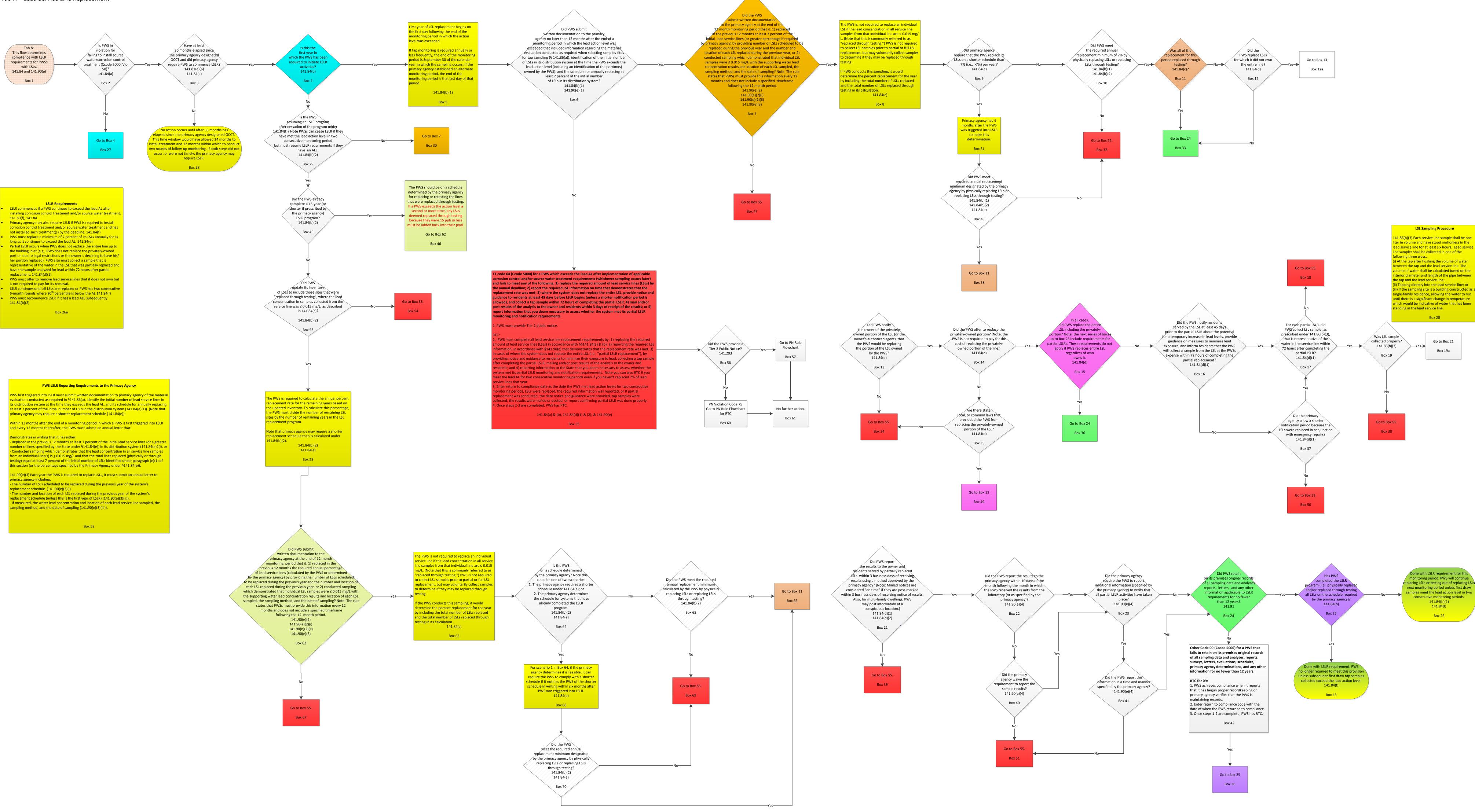
Box 18

Go to box 9.

Box 17

Box 10

Tab N – Lead Service Line Replacement



Lead and Copper Rule (LCR) Logic Flowchart **Baseline Version** Tabs O to End June 23, 2015 (File name: LCR Flowchart Baseline Tabs O on) Note that letter R was not used for Tabs in this Flowchart

CWS Meeting NTNCWS Requirements CWS may apply to primacy agency, in writing (unless the State has waived the requirement for prior primacy agen approval), to meet requirements for a NTNCWS if:) PWS is a facility, such as a prison or a hospital, where th population served is not capable of or is prevented from making improvements to plumbing or installing point of

use treatment devices; and

2) PWS provides water as part of the cost of services

provided and does not separately charge for water

141.85(b)(7)

Box 25

⁴ If PE is delivered directly to every household

For PWSs that are required to onduct monitoring annually less frequently, the end of the nitoring period is Septem nes compliance with the LC 30 of the calendar year in whicl the sampling occurs, or, if the lead ALE. macy agency has established 141.80(g) 141.85 ernate monitoring period, th last day of that period. 141.85(b)(2)(vii) Box 2

Tab O – Public Education for CWS

Distribution Requirements for PE Materials

Local public health agencies CWS must contact customers most at risk by delivering education materials that meet the content requirements of Box 78, below, to local public health agencies even if they are not located within the water system's service area, along with an informational notice that encourages distribution to all the organization's potentially affected customers or CWS's users. CWS must contact local public health agencies directly by phone or in person. If local public health agencies provide a specific list of additional community based organizations serving target populations (including organizations outside the service area of the CWS) the CWS must deliver education materials that meet the content requirements of 141.85(a) to all organizations on the lists. (141.85(b)(2)(ii)(A))

CWS must also contact customers most at risk by delivering materials that meet the content requirements of Box 78, below, to the following locations located within the CWS' service area, along with an informational notice that encourages distribution to all of the organization's potentially affected customers or the CWS's users: public and private schools or school boards; Women Infants and Children (WIC) and Head Start programs; public and private hospitals and medical clinics; pediatricians; family planning clinics; and local welfare agencies. (141.85(b)(2)(ii)(B))

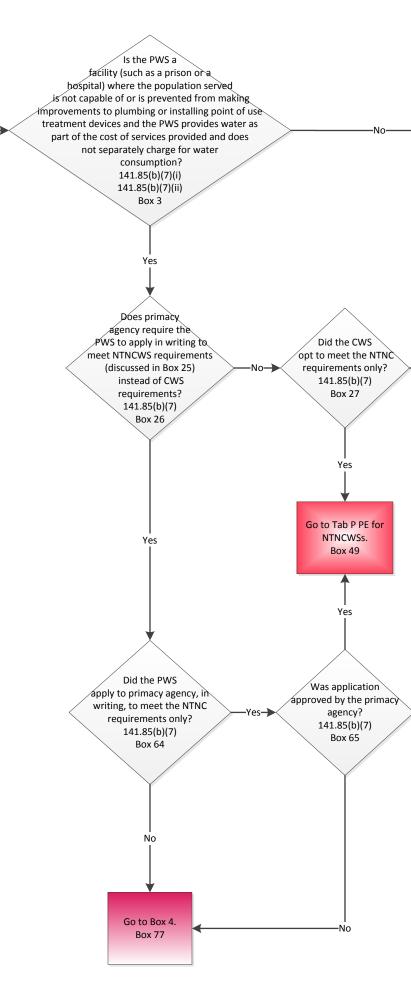
CWS must also make a good faith effort to locate licensed childcare centers, public and private preschools, and obstetricians-gynecologists and midwives within the service area and deliver the same materials as noted above to these organizations, along with an informational notice that encourages distribution to all potentially affected customers or users. This effort may involve requesting a list of these organizations from the local public health agencies contacted

- CWS serving more than 3,300 customers must implement at least three of the following additional activities: Public Service Announcements (PSAs), paid advertisements, public area information displays, emails to customers, public meetings, household deliveries, targeted individual customer contact, direct material distribution to all multi-family homes and institutions, or other methods approved by the primacy agency. CWSs serving 3,300 or fewer customers must implement one of the additional activities listed above. 141.85(b)(8)
- The educational content and selection of the additional activities must be determined in consultation with the primacy agency. CWSs serving a population greater than 100,000 must post and retain material on a publicly accessible Web site. 141.85(c)(3)(iii) For as long as a CWS exceeds the action level for lead, it must provide required information on or in each water bill. 141.85(b)(2)(iii)

Box 48

i. Deliver to bill	within 60 days of end		No reduction	As long as PWS	
payers	of monitoring period ¹	Every 12 months	No reduction	exceeds lead AL	If ALE recurs
ii. Deliver to					
organizations (see			Reduced list of		
Box 41)	п	"	contacts ²	"	"
		No less than	No less than		
iii. Bill inserts	"	quarterly	quarterly	"	"
		Post and retain on			
iv. Post on web site		web site while have	N/A		
(if serve > 100K)	п	ALE		"	"
v. Press release	m .	2X/12 months ³	Waived ⁴	п	"
vi. 3 of Other			1 of Other		
Categories (see Box			Categories (see		
41)	"	"	Box 41)	"	"
¹ Note that for PWSs	that sample annually or	less frequently, the en	d of the monitoring p	eriod is not the las	st day of the
<mark>calendar year, but Se</mark>	ptember 30 of the calen	dar year in which the s	<mark>ampling occurred, or</mark>	, if the primacy age	ency
<mark>established an alterr</mark>	nate monitoring period, t	he last day of that peri	od.		
² Facilities and organ	izations served by the P\	WS that are most likely	to be visited regular	ly by pregnant wor	men and
children					
2	I to with primacy agency				

141.85(b)(2) and 141.85(b)(3)





plain language: IMPORTANT INFORMATION ABOUT LEAD IN YOUR DRINKING WATER. [INSERT NAME OF WATER SYSTEM] found elevated levels of lead in drinking water in some homes/buildings. Lead can cause serious health problems, especially for pregnant women and young children. Please ead this information closely to see what you can do to reduce lead in your drinking water.

Health effects of lead. Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The reatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect

Content Requirements for PE Materials

except for bracketed text. Any additional information provided by the CWS must be consistent with the required information and must be in

e following elements must be included in distributed PE materials, in the order listed below and must be included exactly as written below,

prior to delivery?

141.85(a)(1)

Box 4

o to Box 61 because PWS h

incurred a TT violation.

determine if PWS completed

Box 29

the remaining requirements.

Also continue to Box 5 to

141.85(a)(2)

arces of lead: explain what lead is; explain possible sources of lead in drinking water and how lead enters drinking water, including information home/building plumbing materials and service lines that may contain lead; discuss other important sources of lead exposure in addition to rinking water (e.g., paint).

uss step that consumers can take to reduce their exposure to lead in drinking water: encourage running water to flush out the lead; explain ncerns with using hot water from the tap and specifically caution against the use of hot water for preparing baby formula; explain that boiling water does not reduce lead levels; discuss other options consumers can take to reduce exposure to lead in drinking water, such as alternative ources or treatment of water; suggest that parents have their child's blood tested for lead.

more information, call us at [INSERT YOUR NUMBER] [(IF APPLICABLE), or visit our Web site at [INSERT YOUR WEB SITE HERE]]. For more rmation on reducing lead exposure around your home/building and the health effects of lead, visit EPA's Web site at http://www.epa.gov/

onsumers how to get their water tested and discuss lead in plumbing components and the difference between low lead and lead free. 141.85(a)(1)(i-vi) & 141.85(a)(2)(i-ii)

Box 78

Reporting Requirements for Proof of PE

A PWS required to provide Public Education shall, within ten days aft he end of each period in which the PWS is required to perform public ducation send written documentation to the primacy agency that

Did PWS

deliver printed information

to all bill-paying customers, and include

all required content (see Content

Requirements in Box 78)?

141.85(b)(2)(i)

141.85(b)(3)(i)

Box 6

PWS has incurred a TT

violation for PE. Continue

to Box 7 to determine if

PWS completed the

emaining requirements

Box 32

Does primacy

agency require PWS

to obtain approval of PE

content prior to delivery?

141.85(a)(1)

Box 5

Did PWS obtain

approval from the primacy

agency prior to delivery?

141.85(a)(1)

Box 30

PWS has incurred a TT violation

for PE. Continue to Box 6 to

determine if PWS completed

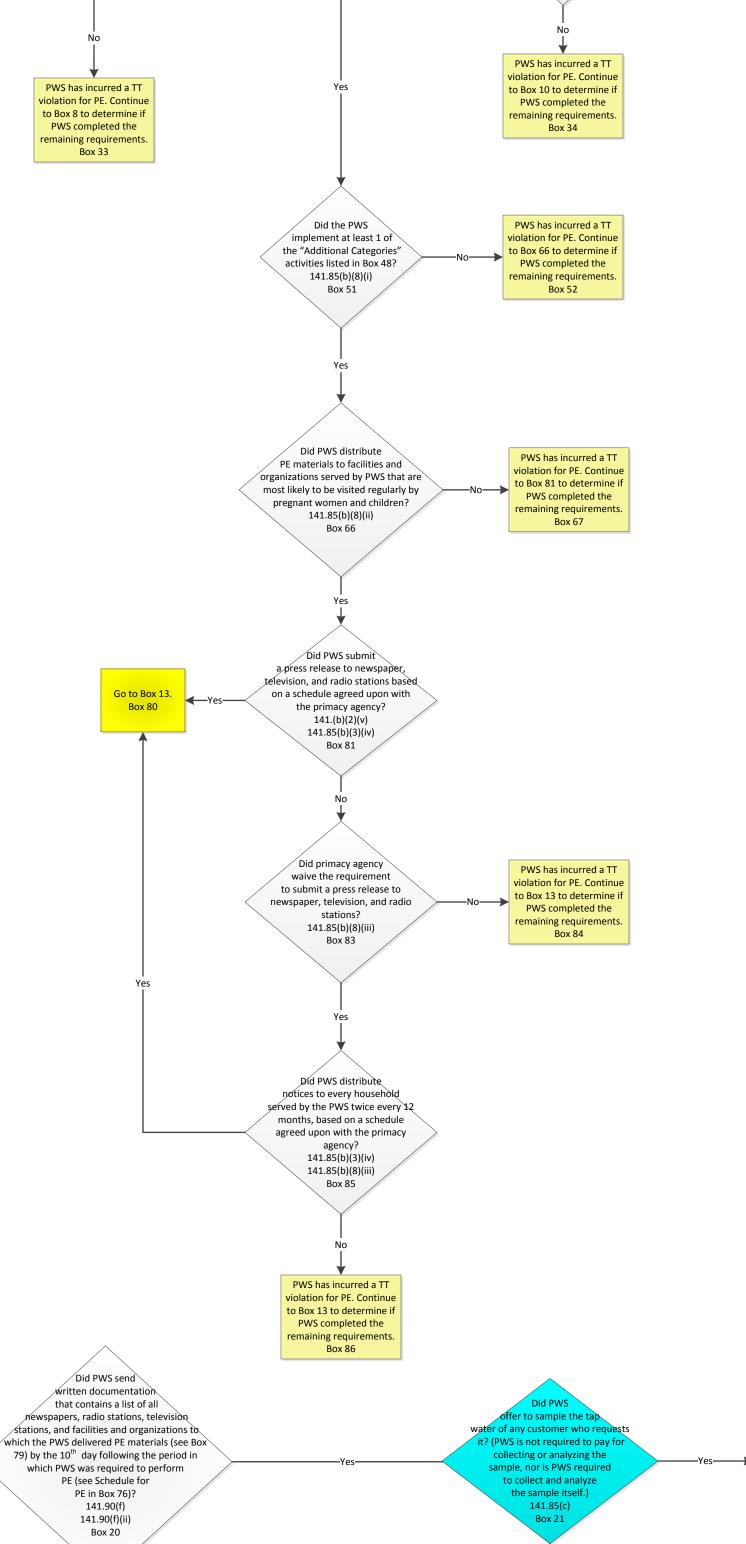
the remaining requirements. Box 50

Go to Box 6.

Box 31

A demonstration that the PWS has delivered the public education aterials that meet the content requirements in Box 78; 141.90(f)(1)(i) 2) A list of all the newspapers, radio stations, television stations, and acilities and organizations to which the PWS delivered public educatio naterials during the period in which the PWS was required to perform public education tasks. 141.90(f)(1)(ii) ess required by the primacy agency, a PWS that previously has mitted the information required by 2), above, need not resubmit e information required in that section, as long as there have been changes in the distribution list and the PWS certifies that the public ucation materials were distributed to the same list submitted

> 141.90(f)(1) 141.90(f)(2) Box 79



Does PWS

serve 3,300 or fewer

141.85(b)(8)

Box 8

Did PWS consult

with the primacy agency

regarding "Additional Categories"

to determine which activities to implement

(see description of additional categories in

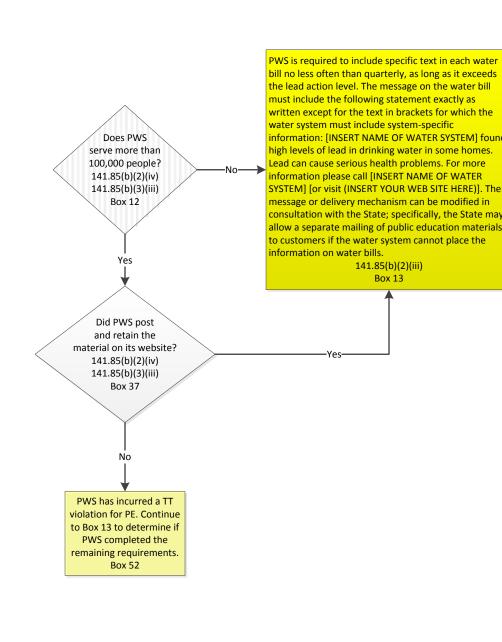
Box 48)

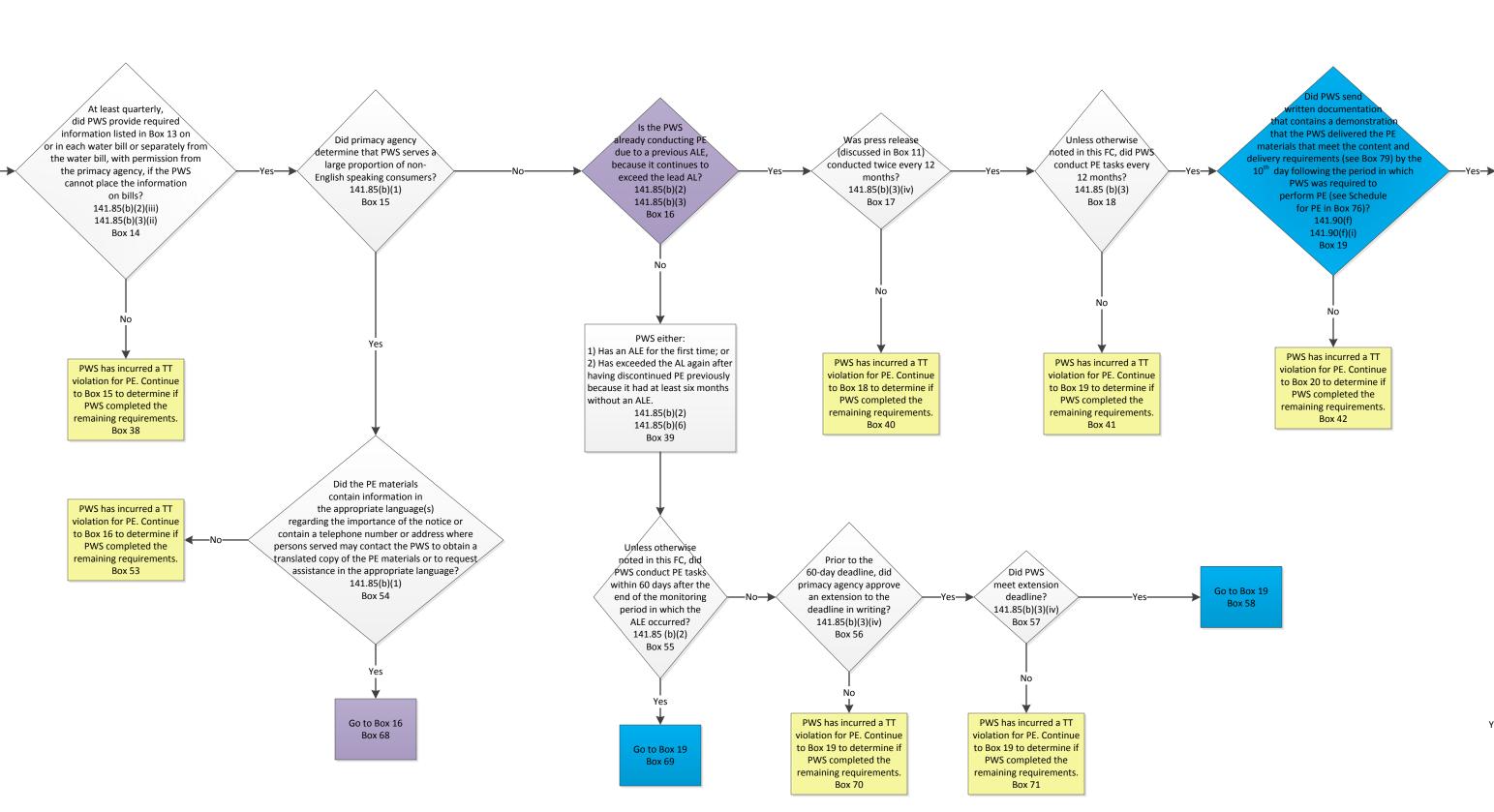
and the educational content

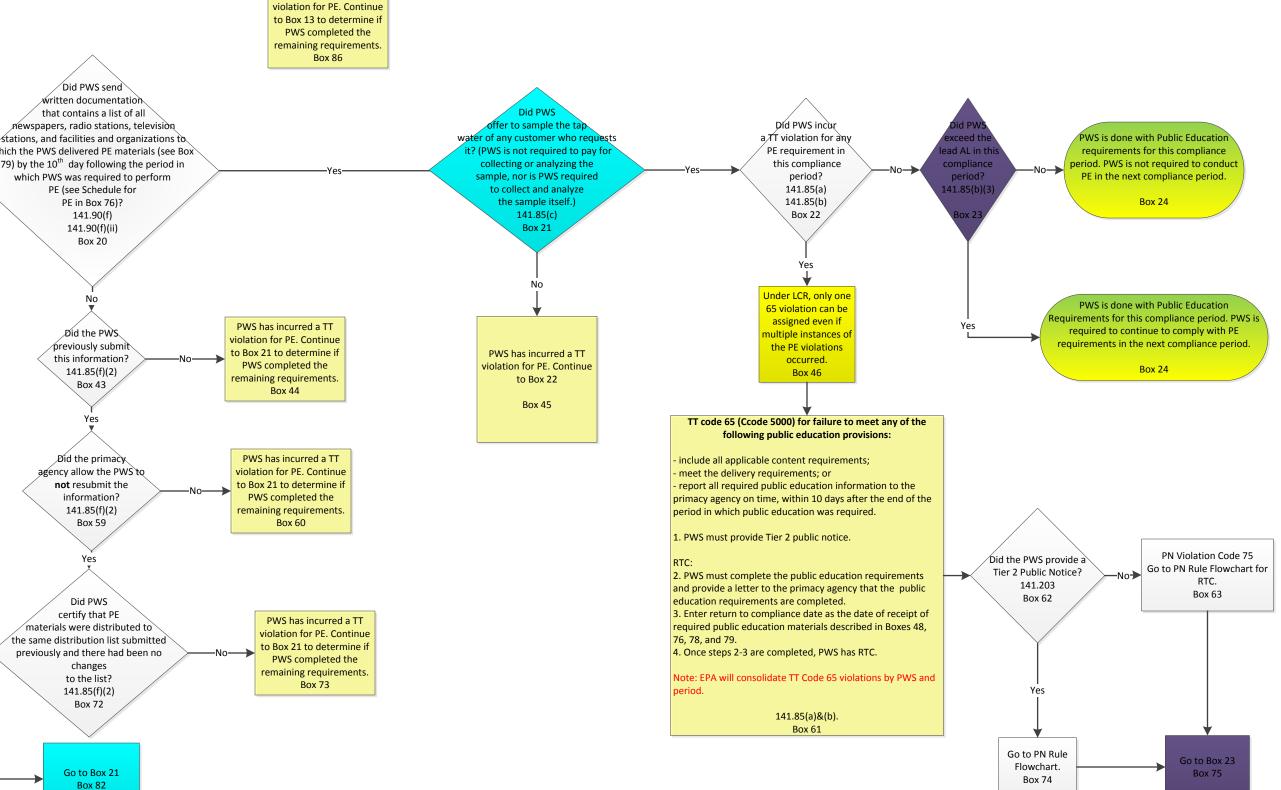
for those activities?

141.85(b)(2)(vi)

Box 7







Did PWS meet

additional distribution

requirements to contact

customers most at risk, including

contacting local public health agencies

and other organizations (see

Qistribution Requirements in Box 48)?

141.85(b)(2)(ii)

141.85(b)(3)(i)

Box 10

PWS has incurred a TT

violation for PE. Continue

to Box 11 to determine if

PWS completed the

remaining requirements

Box 35

Did the PWS

implement at least 3 of

the "Additional Categories"

activities listed in Box 48?

141.85(b)(2)(vi)

141.85(b)(3)(i)

Box 9

/Did PWS submit

television, and radio stations based

on a schedule agreed upon with

the primacy agency?

141.(b)(2)(v)

141.85(b)(3)(iv)

Box 11

PWS has incurred a TT

violation for PE. Continue

to Box 12 to determine if

PWS completed the

remaining requirements

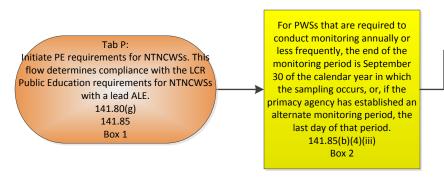
Box 36

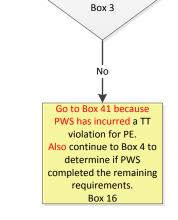
Go to Box 12

Box 11a

a press release to newspaper

Tab P – Public Education for NTNCWS





Did the PWS submit

all written public education

materials (see content list in Box

53) to the primacy agency prior to

delivery?

141.85(a)(1)

NTNCWS Schedule for PE

NTNCWS must begin PE after a lead ALE and repeat delivery until it has met the lead AL during the most recent six-month monitoring period. NTNCWS would be required to resume PE if it ubsequently exceeds the AL during a future monitoring period.

assequently encoused the results as a state monitoring periods							
	Initial	Repeat	End	Resume			
	within 60 days of end	Once each	After six months				
i. Post posters	of monitoring period ¹	calendar year	without ALE	If ALE recui			
ii. Distribute							
pamphlets or							
brochures (see Box 41)	"	"	"	"			

¹ Note that for PWSs that sample annually or less frequently, the end of the monitoring period is not the last day of the calendar year, but September 30 of the calendar year in which the sampling occurred, or, if the primacy agency established an alternate monitoring period, the last day of that period.

141.85(b)(4) and 141.85(b)(5)

Pov 2

Content Requirements for PE Materials

The following elements must be included in distributed PE materials, in the order listed below. Language in bold must be included exactly as written except for bracketed text. Any additional information provided by the NTNCWS must be consistent with the required information and must be in plain language:

IMPORTANT INFORMATION ABOUT LEAD IN YOUR DRINKING WATER. [INSERT NAME OF WATER SYSTEM] found elevated levels of lead in drinking water in some homes/buildings. Lead can cause serious health problems, especially for pregnant women and young children. Please read this information closely to see what you can do to reduce lead in your drinking water.

Health effects of lead. Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

Sources of lead: explain what lead is; explain possible sources of lead in drinking water and how lead enters drinking water, including information on home/building plumbing materials and service lines that may contain lead; discuss other important sources of lead exposure in addition to drinking water (e.g., paint).

Discuss step that consumers can take to reduce their exposure to lead in drinking water: encourage running water to flush out the lead; explain concerns with using hot water from the tap and specifically caution against the use of hot water for preparing baby formula; explain that boiling water does not reduce lead levels; discuss other options consumers can take to reduce exposure to lead in drinking water, such as alternative sources or treatment of water; suggest that parents have their child's blood tested for lead.

Explain why there are elevated levels of lead in the system's drinking water (if known) and what the NTNCWS is doing to reduce the lead levels in homes/buildings in this area.

For more information, call us at [INSERT YOUR NUMBER] [(IF APPLICABLE), or visit our Web site at [INSERT YOUR WEB SITE HERE]]. For more information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's Web site at http://www.epa.gov/lead or contact your health care provider.

141.85(a)(1)(i-vi)

Box 53

Reporting Requirements for Proof of PE

A PWS required to provide Public Education shall, within ten days after the end of each period in which the PWS is required to perform public education send written documentation to the primacy agency that contains:

1) A demonstration that the PWS has delivered the public education materials that meet the content requirements in 141.85(a) and
2) A list of all the newspapers, radio stations, television stations, and facilities and organization

to which the PWS delivered public education materials during the period in which the PWS was required to perform public education tasks. 141.90(f)(1)(i) and 141.90(f)(1)(ii)

-Unless required by the primacy agency, a PWS that previously has submitted the information required by 2), above, need not resubmit the information required in that section, as long as

required by 2), above, need not resubmit the information required in that section, as long as there have been no changes in the distribution list and the PWS certifies that the public education materials were distributed to the same list submitted previously.

> 141.90(f)(1) 141.90(f)(2) Box 56

