

Larry Hogan, Governor Boyd K. Rutherford, Lt. Governor

Ben Grumbles, Secretary Horacio Tablada, Deputy Secretary

March 29, 2019

Ms. Jamila S. Chillemi Team Lead - Mid-Atlantic Project Execution ExxonMobil Environmental Services Company 1900 East Linden Avenue, Building 28A Linden, New Jersey 07036

RE: APPROVAL OF GROUNDWATER MONITORING REDUCTION and WELL ABANDONMENT REQUEST

Case No. 2006-0303-BA

Former Exxon R/S No. 2-8077

14258 Jarrettsville Pike, Phoenix
Baltimore County, Maryland

Dear Ms. Chillemi:

The Maryland Department of the Environment's (MDE) Oil Control Program (OCP) recently completed a review of the *Groundwater Monitoring Reduction and Well Abandonment Request*, dated Jan. 22, 2019. The request proposes a reduction in groundwater monitoring (i.e., groundwater sampling and/or gauging), select monitoring well abandonment, and the ceasing of monitoring at certain monitoring wells with retention for post-remedial monitoring (i.e., inactive status). The proposal is based on the decline of groundwater concentrations, the absence of liquid phase hydrocarbons since 2008, and the cleanup activities conducted since the release at the former gasoline station in 2006.

## ExxonMobil's proposal requests the following:

- Abandonment of 86 monitoring wells based on groundwater concentrations that have remained below MDE groundwater standards or state action levels for at least 4 years and are not needed for gauging associated with the development of potentiometric surface maps.
- Conversion of 32 monitoring wells to gauging only status and discontinuation of groundwater sampling based on concentrations remaining below groundwater standards or being non-detect for a minimum of 6 years. Gauging will continue at these monitoring wells for potentiometric mapping purposes.

- Reduction in sampling frequency of 72 monitoring wells based on decreasing dissolved concentration trends over 13 years of monitoring. All current monthly monitoring well sampling will be eliminated with the exception of MW-188D. The packer in the well was approved for removal and discrete zone groundwater data will be collected, as approved.
- Elimination of discrete zone multi-level sampling from 10 monitoring wells based on the absence of significant differences in the concentrations among the discrete zone sampling data. A groundwater sample is to be collected in lieu of discrete zone samples.

The MDE approves the proposed schedule of monitoring well modifications and proposed abandonment of select wells with the modifications and exceptions provided in the enclosed table. The approved monitoring schedule is based on a review of the monitoring well network construction details, historical and current dissolved phase hydrocarbon concentrations, locations of the monitoring wells relative to remediation wells, and the retention of a comprehensive monitoring well network for continued monitoring during the remainder of cleanup activities and for post-remedial monitoring, when approved. A summary of the proposed and approved monitoring activities is provided below.

## Summary of Proposed/Approved Monitoring Activities and Well Abandonments

	Current Totals	EM Proposed Net Change	EM Proposed Totals	MDE Approved Totals
Abandoned MWs	35	+86	121	85
MWs not sampled, not gauged, not regularly sampled (Inactive)	2	+12	14	41
MWs Sampled (including recovery wells)	228	-114	114	130
- Monthly Sampling	57	-56	!	1
- Quarterly Sampling	127	-51	77	99
- Semi-Annual Sampling	4.4	-8	36	30
Gauge Only (no sampling)	44	+16	60	53
Totals	309	0	309	309

The MDE requires that, of the 274 wells currently remaining, 183 wells are to be retained for continued sampling and/or gauging only at specified frequencies, 41 wells are to be retained in an inactive status (no specified sampling/gauging schedule) for potential future monitoring, and 50 monitoring wells are approved for proper abandonment. For monitoring wells that are retained for gauging only, the Department may require groundwater sampling in the future, as warranted and required for long-term post-operation monitoring.

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The request to collect a groundwater sample in lieu of discrete zone samples from select monitoring wells as outlined in the proposal is conditionally approved. The Department notes that the proposal did not include a methodology for collecting representative groundwater samples. ExxonMobil must submit a work plan detailing the preferred sampling methodology to the OCP for review and approval prior to implementation. These wells must continue to be sampled via discrete zone samples and by the frequency outlined in the enclosed table until an alternative sampling plan is approved by MDE.

The monitoring wells approved for abandonment must be properly abandoned by a Maryland-licensed well driller in accordance with all applicable requirements of Code of Maryland Regulations (COMAR) 26.04.04.34-36. Provide copies of the required well abandonment reports to both the OCP (Attn: Ms. Ellen Jackson) and the Baltimore County Department of Environmental Protection and Sustainability (Attn: Mr. Kevin Koepenick). Notify the OCP at least 5 working days prior to performing well abandonment activities so OCP staff has an opportunity to observe the work activities.

If you have any questions, please contact Ms. Ellen Jackson at 410-537-3482 or ellen.jackson@maryland.gov.

Sincerely,

Andrew B. Miller, Chief

Remediation and State-Lead Division

Oil Control Program

Enclosure: Current, EM Proposed, and MDE Approved Monitoring Activities

cc: Joseph P. Perez, Esquire, ExxonMobil Corporation

Carlos Bollar, Esquire, Archer & Greiner, P.C.

Mr. Mark Schaaf, Kleinfelder East, Inc.

Mr. Kevin Koepenick, Manager, Groundwater Management Section, Baltimore County DEPS

Ms. Ellen Jackson, Northern Region Supervisor, Remediation Division, Oil Control Program

Mr. Christopher H. Ralston, Administrator, Oil Control Program

Stephanie Cobb Williams, Esquire, MDE Office of the Attorney General

Ms. Kaley Laleker, Director, Land and Materials Administration

Well ID	Current Monitoring Activity	EM Proposed Monitoring Activity	MDE Approved Monitoring Activity	MDE Response / Comment
MW- 1	Quarterly	Quarterly	Quarterly	Approved
MW- IA [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 2	Quarterly	Semi-Annual	Semi-Annual	Approved
MW- 2A [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 3 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 3P	Gauging only	Abandon	Abandon	Approved
MW- 4 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 4A	Quarterly	Semi-Annual	Semi-Annual	Approved
MW- 5	Quarterly	Semi-Annual	Semi-Annual	Approved
MW- 6 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 6P	Gauging only	Abandon	Abandon	Approved
MW- 7 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 8 MW- 9	Quarterly Quarterly	Q Gauging only  Quarterly	Gauge Only  Quarterly	Approved Approved
MW- 10	Already abandoned	Quarterry	Quarterry	Approved
MW-10 MW-11	Already abandoned  Already abandoned			
MW- 12	Quarterly	Q Gauging only	Gauge Only	Approved
MW- 13 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 13P	Gauging only	Gauging only	Gauge Only	Approved
MW- 14	Quarterly	Quarterly	Quarterly	Approved
MW- 15	Semi-Annual	Q Gauging only	Gauge Only	Approved
MW- 16 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 16R [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 17	Quarterly	Quarterly	Quarterly	Approved
MW- 18	Already abandoned			
MW- 19 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 20	Gauging only	Gauging only	Gauge Only	Approved
MW- 21 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 22 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 23 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 24	Quarterly	Abandon	Semi-Annual	Retain for post remediation monitoring
MW- 25	Quarterly	Quarterly Abandon	Quarterly	Approved Retain for potential post remediation monitoring
MW- 26 MW- 27 [R]	Quarterly Ouarterly	Quarterly	Quarterly	Approved
MW- 27 [K]	Quarterly	Semi-Annual	Quarterly	Post remediation monitoring
MW- 27P	Gauging only	Abandon	Abandon	Approved
MW- 27R [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 28	Quarterly	Q Gauging only	Gauge Only	Approved
MW- 29	Quarterly	Semi-Annual	Semi-Annual	Approved
MW- 30	Quarterly	Semi-Annual	Semi-Annual	Approved
MW- 30P		C	Gauge Only	
WI VV - JUP	Gauging only	Gauging only	Gauge Only	Approved
MW- 30P MW- 31	Gauging only Gauging only	Abandon	Abandon	Approved
MW- 31 MW- 32	Gauging only  Quarterly			
MW- 31 MW- 32 MW- 33	Gauging only  Quarterly  Already abandoned	Abandon Semi-Annual	Abandon Quarterly	Approved Recent RW conversion; quarterly sample for minimum of 12 months
MW- 31 MW- 32 MW- 33 MW- 33P	Gauging only  Quarterly  Already abandoned Gauging only	Abandon	Abandon	Approved Recent RW conversion; quarterly sample for minimum
MW- 31 MW- 32 MW- 33 MW- 33P MW- 34	Gauging only  Quarterly  Already abandoned  Gauging only  Already abandoned	Abandon Semi-Annual Abandon	Abandon  Quarterly  Abandon	Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved
MW- 31 MW- 32 MW- 33 MW- 33P MW- 34 MW- 34P	Gauging only  Quarterly  Already abandoned  Gauging only  Already abandoned  Gauging only	Abandon Semi-Annual	Abandon Quarterly	Approved Recent RW conversion; quarterly sample for minimum of 12 months
MW- 31 MW- 32 MW- 33 MW- 33P MW- 34 MW- 34P MW- 35	Gauging only  Quarterly  Already abandoned  Gauging only  Already abandoned  Gauging only  Already abandoned	Abandon Semi-Annual Abandon Gauging only	Abandon Quarterly Abandon Gauge Only	Approved Recent RW conversion; quarterly sample for minimum of 12 months  Approved  Approved
MW- 31 MW- 32 MW- 33 MW- 33P MW- 34 MW- 34P MW- 35 MW- 36	Gauging only  Quarterly  Already abandoned  Gauging only  Already abandoned  Gauging only	Abandon  Semi-Annual  Abandon  Gauging only  Semi-Annual	Abandon  Quarterly  Abandon	Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved
MW- 31  MW- 32  MW- 33  MW- 33P  MW- 34  MW- 34P  MW- 35  MW- 36  MW- 36C (HS-S)  MW- 36C (HS-D)	Gauging only  Quarterly  Already abandoned Gauging only Already abandoned Gauging only Already abandoned Quarterly  Monthly/ Composite	Abandon  Semi-Annual  Abandon  Gauging only  Semi-Annual  Quarterly Single interval	Abandon Quarterly Abandon Gauge Only Semi-Annual Quarterly	Approved Recent RW conversion; quarterly sample for minimum of 12 months  Approved  Approved  Approved  Approved
MW- 31  MW- 32  MW- 33  MW- 33P  MW- 34  MW- 34P  MW- 35  MW- 36  MW- 36C (HS-S)  MW- 36C (HS-D)  MW- 36P	Gauging only  Quarterly  Already abandoned Gauging only Already abandoned Gauging only Already abandoned Quarterly  Monthly/ Composite Quarterly	Abandon  Semi-Annual  Abandon  Gauging only  Semi-Annual  Quarterly Single interval  Quarterly	Abandon Quarterly Abandon Gauge Only Semi-Annual Quarterly Quarterly	Approved Recent RW conversion; quarterly sample for minimum of 12 months  Approved  Approved  Approved  Approved  Approved  Approved
MW- 31  MW- 32  MW- 33  MW- 33P  MW- 34  MW- 34P  MW- 35  MW- 36  MW- 36C (HS-S)  MW- 36C (HS-D)  MW- 36R	Gauging only  Quarterly  Already abandoned Gauging only Already abandoned Gauging only Already abandoned Quarterly  Monthly/ Composite  Quarterly Monthly	Abandon  Semi-Annual  Abandon  Gauging only  Semi-Annual  Quarterly Single interval Quarterly Quarterly	Abandon Quarterly  Abandon Gauge Only  Semi-Annual Quarterly Quarterly Quarterly	Approved Recent RW conversion; quarterly sample for minimum of 12 months  Approved  Approved  Approved  Approved  Approved  Approved  Approved  Approved  Approved
MW- 31  MW- 32  MW- 33  MW- 33P  MW- 34  MW- 34P  MW- 35  MW- 36  MW- 36C (HS-S)  MW- 36C (HS-D)  MW- 36P  MW- 36R  MW- 37 [R]	Gauging only  Quarterly  Already abandoned Gauging only Already abandoned Gauging only Already abandoned Quarterly  Monthly/ Composite Quarterly Monthly Monthly Monthly	Abandon  Semi-Annual  Abandon  Gauging only  Semi-Annual  Quarterly Single interval Quarterly Quarterly Quarterly	Abandon Quarterly  Abandon  Gauge Only  Semi-Annual Quarterly Quarterly Quarterly Quarterly Quarterly	Approved Recent RW conversion; quarterly sample for minimum of 12 months  Approved
MW- 31  MW- 32  MW- 33  MW- 33P  MW- 34  MW- 34P  MW- 35  MW- 36  MW- 36C (HS-S)  MW- 36C (HS-D)  MW- 36P  MW- 36R  MW- 37 [R]  MW- 37P	Gauging only  Quarterly  Already abandoned Gauging only Already abandoned Gauging only Already abandoned Quarterly  Monthly/ Composite Quarterly Monthly Monthly Quarterly Monthly Quarterly	Abandon  Semi-Annual  Abandon  Gauging only  Semi-Annual  Quarterly Single interval Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	Abandon Quarterly  Abandon  Gauge Only  Semi-Annual Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	Approved Recent RW conversion; quarterly sample for minimum of 12 months  Approved
MW- 31  MW- 32  MW- 33  MW- 33P  MW- 34P  MW- 34P  MW- 35  MW- 36  MW- 36C (HS-S)  MW- 36C (HS-D)  MW- 36R  MW- 37 [R]  MW- 37P  MW- 38 [R]	Gauging only  Quarterly  Already abandoned Gauging only Already abandoned Gauging only Already abandoned Quarterly  Monthly/ Composite Quarterly Monthly Monthly Monthly Quarterly Monthly Monthly Monthly Monthly	Abandon  Semi-Annual  Abandon  Gauging only  Semi-Annual  Quarterly Single interval Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	Abandon Quarterly  Abandon  Gauge Only  Semi-Annual Quarterly	Approved Recent RW conversion; quarterly sample for minimum of 12 months  Approved
MW- 31  MW- 32  MW- 33  MW- 33P  MW- 34  MW- 34P  MW- 35  MW- 36  MW- 36C (HS-S)  MW- 36C (HS-D)  MW- 36R  MW- 37 [R]  MW- 37P  MW- 38 [R]	Gauging only  Quarterly  Already abandoned Gauging only Already abandoned Gauging only Already abandoned Quarterly  Monthly/ Composite Quarterly Monthly	Abandon  Semi-Annual  Abandon  Gauging only  Semi-Annual  Quarterly Single interval Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Semi-Annual	Abandon Quarterly  Abandon  Gauge Only  Semi-Annual Quarterly	Approved Recent RW conversion; quarterly sample for minimum of 12 months  Approved  Post remediation monitoring
MW- 31  MW- 32  MW- 33  MW- 33P  MW- 34P  MW- 34P  MW- 35  MW- 36  MW- 36C (HS-S)  MW- 36C (HS-D)  MW- 36R  MW- 37 [R]  MW- 37P  MW- 38 [R]	Gauging only  Quarterly  Already abandoned Gauging only Already abandoned Gauging only Already abandoned Quarterly  Monthly/ Composite Quarterly Monthly Monthly Monthly Quarterly Monthly Monthly Monthly Monthly	Abandon  Semi-Annual  Abandon  Gauging only  Semi-Annual  Quarterly Single interval Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	Abandon Quarterly  Abandon  Gauge Only  Semi-Annual Quarterly	Approved Recent RW conversion; quarterly sample for minimum of 12 months  Approved

Well ID	Current Monitoring	EM Proposed Monitoring	MDE Approved	MDE Response / Comment
	Activity	Activity	Monitoring Activity	
MW- 40	Quarterly	Semi-annual	Quarterly	Post remediation monitoring
MW- 41A	Gauging only	Gauging only	Gauge Only	Approved
MW- 41B	Semi-Annual	Stop sampling	Stop Sampilng / Retain	Approved.
MW- 41C (75-80)				
MW- 41C (95-97)	C: A1	Ctan compliant	Stan Compiles / Batain	Amproved
MW- 41C (120-130)	Semi-Annual	Stop sampling	Stop Sampilng / Retain	Approved.
MW- 41C (190-195)	]			
MW- 42A	Gauging only	Gauging only	Gauge Only	Approved
MW- 42B	Semi-Annual	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 42C (123)				
MW- 42C (192)	C! A	Abandon	Stan Samailas / Dataia	Retain for potential post remediation monitoring
MW- 42C (240)	Semi-Annual	Abandon	Stop Samping / Ketain	Retain for potential post remediation monitoring
MW- 42C (327)				
MW- 43A	Quarterly	Semi-annual	Semi-Annual	Approved
MW- 43B	Monthly	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 44	Gauging only	Gauging only	Gauge Only	Approved
MW- 45 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 45P	Quarterly	Quarterly	Quarterly	Approved
MW- 45R [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 46	Gauging only	Gauging only	Gauge Only	Approved
MW- 47A	Quarterly	Q Gauging only	Gauge Only	Approved
MW- 47B	Quarterly	Abandon	Abandon	Approved
MW- 47BB	Quarterly	Abandon	Semi-Annual	Retain for post remediation monitoring
MW- 47C (HS-S)	Monthly/ Composite	Stop sampling	Semi-Annual	Post remediation monitoring
MW- 47C (HS-D)		• •		<u> </u>
MW- 48A	Semi-Annual	Q Gauging only	Gauge Only	Approved
MW- 48B	Semi-Annual	Stop sampling	Stop Sampilng / Retain	Approved
MW- 48D (HS-S) MW- 48D (HS-D)	Monthly/ Composite	Stop sampling	Semi-Annual	Post remediation monitoring
MW- 49	Quarterly	Semi-annual	Semi-Annual	Approved
MW- 50	Gauging only	Gauging only	Gauge Only	Approved
MW- 50B	Semi-Annual	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 50C	Semi-Annual	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 51	Already abandoned	Already abandoned		
MW- 52	Quarterly	Abandon		Retain for potential post remediation monitoring
MW- 53A	Gauging only	Abandon		Retain for potential post remediation monitoring
MW- 53B	Quarterly	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 53C MW- 53C (215-220)	Semi-Annual FLUTe	Abandon	Stan Sampilng / Retain	Retain for potential post remediation monitoring
MW- 53C (225-235)	John Shindar P.Do Te	Abandon	Stop Samping, Retain	Pretum for potential post remediation momentag
MW- 54	Monthly	Quarterly	Quarterly	Approved
MW- 54B [R]	Monthly	Quarterly	Quarterly	Approved
MW- 54B (K) MW- 54C (HS-S)		Quarterly Single		Approved
MW- 54C (HS-D)	Monthly/ Composite	interval	Quarterly	Approved
MW- 54C (FIS-D)	Already abandoned	interval		
MW- 56A	Gauging only	Gauging only	Gauge Only	Approved
MW- 56B	Ouarterly	Stop sampling	Stop Sampilng / Retain	Approved
MW- 56C (100-110)	Quarterly	Stop sampling	Stop Sumping / Rotatii	
MW- 56C (310-315)	Quarterly FLUTe	Stop sampling	Semi-Annual	Post remediation monitoring
MW- 56C (320-325)	1	2.2 L zambara	Senn-Annuai	<b>6</b>
MW- 57	Quarterly	Semi-Annual	Quarterly	Recent RW conversion; quarterly sample for minimum of 12 months
MW- 57P	Quarterly	Quarterly	Quarterly	Approved
MW- 58	Quarterly	Semi-Annual	Quarterly	Post remediation monitoring
MW- 58P	Quarterly	Semi-Annual	Semi-Annual	Approved
MW- 58R	Quarterly	Semi-Annual	Quarterly	Recent RW conversion; quarterly sample for minimum of 12 months
MW- 59A	Quarterly	Semi-Annual	Semi-Annual	Approved
MW- 59B [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 59D [K]	Quarterly	Semi-Annual	Semi-Annual	Approved
171.77 J/L/	i Zummin		Com Aminan	1.155.2.1.2.

Well ID	Current Monitoring Activity	EM Proposed Monitoring Activity	MDE Approved Monitoring Activity	MDE Response / Comment
MW- 60	Quarterly	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 61A	Semi-Annual	Q Gauging only	Gauge Only	Approved
MW- 61B	Quarterly	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 62A	Quarterly	Abandon	Abandon	Approved
MW- 62B	Semi-Annual	Abandon	Abandon	Approved
MW- 63	Gauging only	Gauging only	Gauge Only	Approved
MW- 64	Already abandoned			
MW- 65	Gauging only	Abandon	Abandon	Approved
MW- 66	Gauging only	Gauging only	Gauge Only	Approved
MW- 67	Gauging only	Gauging only	Gauge Only	Approved
MW- 68	Gauging only	Gauging only	Gauge Only	Approved
MW- 69	Gauging only	Gauging only	Gauge Only	Approved
MW- 70	Gauging only	Abandon	Abandon	Approved
MW- 71	Semi-Annual	Q Gauging only	Gauge Only	Approved
MW- 72	Quarterly	Quarterly	Quarterly	Approved
MW- 73	Monthly	Quarterly  Q Gauging only	Gauge Only	Approved
		Quarterly Single		
MW- 73C AP/(HS-S)	Monthly/ Composite	interval	Quarterly	Approved
MW- 73C BP/(HS-D)			Ouertest.	Annewad
MW- 74 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 75 [R]	Quarterly	Quarterly	Quarterly	Approved  Recent RW conversion; quarterly sample for minimum
MW- 76	Quarterly	Semi-Annual	Quarerly	of 12 months
MW- 76P	Gauging only	Gauging only	Gauge Only	Approved
MW- 77A	Quarterly	Semi-Annual	Quarterly	Recent RW conversion; quarterly sample for minimum of 12 months
MW- 77B	Quarterly	Semi-Annual	Quarterly	Recent RW conversion; quarterly sample for minimum of 12 months
MW- 77R	Quarterly	Semi-Annual	Quarterly	Recent RW conversion; quarterly sample for minimum of 12 months
MW- 78A	Semi-Annual	Q Gauging only	Gauge Only	Approved
MW- 78B	Quarterly	Abandon	Abandon	Approved
MW- 78C	<del>\\</del>			
MW- 78C (69)	†			
MW- 78C (95)	†			
MW- 78C (134)	1			
MW- 78C (157)	Quarterly/ Interval	Abandon	Semi-Annual	Retain for post remediation monitoring
WIW- /6C (13/)				
MAN 50C (103)	-			1
MW- 78C (192)	1 1			
MW- 78C (227)	-			
MW- 78C (227) MW- 78C (290)		Abordon	Abandon	Approved
MW- 78C (227) MW- 78C (290) MW- 78R	Quarterly	Abandon	Abandon	Approved
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79	Gauging only	Abandon	Abandon	Approved
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A	Gauging only Quarterly	Abandon Quarterly	Abandon Quarterly	Approved Approved
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B	Gauging only Quarterly Quarterly	Abandon Quarterly Quarterly	Abandon Quarterly Quarterly	Approved Approved
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A	Gauging only Quarterly	Abandon Quarterly	Abandon Quarterly	Approved Approved Approved Approved
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B	Gauging only Quarterly Quarterly	Abandon Quarterly Quarterly	Abandon Quarterly Quarterly	Approved Approved
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B MW- 81 MW- 82	Gauging only Quarterly Quarterly Quarterly Quarterly	Abandon Quarterly Quarterly Q Gauging only	Abandon Quarterly Quarterly Gauge Only	Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B MW- 81 MW- 82 MW- 82B [R]	Gauging only Quarterly Quarterly Quarterly	Abandon Quarterly Quarterly Q Gauging only Semi-Annual Monthly?	Abandon Quarterly Quarterly Gauge Only Quarterly	Approved Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B MW- 81 MW- 82 MW- 82D (HS-S) MW- 82D (HS-M)	Gauging only Quarterly Quarterly Quarterly Quarterly	Abandon Quarterly Quarterly Q Gauging only Semi-Annual	Abandon Quarterly Quarterly Gauge Only Quarterly	Approved Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months
MW- 78C (227)  MW- 78C (290)  MW- 78R  MW- 79  MW- 80A  MW- 80B  MW- 81  MW- 82  MW- 82D (HS-S)  MW- 82D (HS-D)	Gauging only Quarterly Quarterly Quarterly Quarterly Monthly? Monthly Composite	Abandon Quarterly Quarterly Q Gauging only Semi-Annual Monthly? Quarterly Single-Interval	Abandon Quarterly Quarterly Gauge Only Quarterly Quarterly Quarterly	Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Approved
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B MW- 81 MW- 82 MW- 82D (HS-S) MW- 82D (HS-M) MW- 82D (HS-D) MW- 82R [R]	Gauging only Quarterly Quarterly Quarterly Quarterly Monthly? Monthly Composite	Abandon Quarterly Quarterly Q Gauging only Semi-Annual Monthly? Quarterly Single-Interval Quarterly	Abandon Quarterly Quarterly Gauge Only Quarterly Quarterly Quarterly Quarterly	Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Approved Approved Approved
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B MW- 81 MW- 82 MW- 82D (HS-S) MW- 82D (HS-M) MW- 82D (HS-D) MW- 82R [R] MW- 82R [R] MW- 83	Gauging only Quarterly Quarterly Quarterly Quarterly Monthly? Monthly Composite Monthly Quarterly	Abandon Quarterly Quarterly Q Gauging only Semi-Annual Monthly? Quarterly Single-Interval Quarterly Q Gauging only	Abandon Quarterly Quarterly Gauge Only Quarterly Quarterly Quarterly Quarterly Gauge Only	Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Approved Approved Approved Approved Approved
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B MW- 81 MW- 82 MW- 82D (HS-S) MW- 82D (HS-M) MW- 82D (HS-D) MW- 82R [R]	Gauging only Quarterly Quarterly Quarterly Quarterly Monthly? Monthly Composite	Abandon Quarterly Quarterly Q Gauging only Semi-Annual Monthly? Quarterly Single-Interval Quarterly	Abandon Quarterly Quarterly Gauge Only Quarterly Quarterly Quarterly Quarterly	Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Approved Approved Approved Approved Approved Retain for potential post remediation monitoring Recent RW conversion; quarterly sample for minimum
MW- 78C (227)  MW- 78C (290)  MW- 78R  MW- 79  MW- 80A  MW- 80B  MW- 81  MW- 82  MW- 82D (HS-S)  MW- 82D (HS-M)  MW- 82R [R]  MW- 83R  MW- 83R	Gauging only Quarterly Quarterly Quarterly Quarterly Monthly? Monthly Composite Monthly Quarterly Semi-Annual Quarterly	Abandon Quarterly Quarterly Q Gauging only Semi-Annual Monthly? Quarterly Single-Interval Quarterly Q Gauging only Abandon Semi-Annual	Abandon Quarterly Quarterly Gauge Only Quarterly Quarterly Quarterly Quarterly Stop Sampiling / Retain Quarterly	Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Approved Approved Approved Approved Approved Retain for potential post remediation monitoring Recent RW conversion; quarterly sample for minimum of 12 months
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B MW- 81  MW- 82  MW- 82D (HS-S) MW- 82D (HS-M) MW- 82D (HS-D) MW- 82R [R] MW- 83R	Gauging only Quarterly Quarterly Quarterly Quarterly Monthly? Monthly Composite Monthly Quarterly Semi-Annual	Abandon Quarterly Quarterly Q Gauging only Semi-Annual Monthly? Quarterly Single-Interval Quarterly Q Gauging only Abandon	Abandon Quarterly Quarterly Gauge Only Quarterly Quarterly Quarterly Quarterly Gauge Only Stop Sampiling / Retain	Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Approved Approved Approved Approved Approved Retain for potential post remediation monitoring Recent RW conversion; quarterly sample for minimum of 12 months Approved
MW- 78C (227)  MW- 78C (290)  MW- 78R  MW- 79  MW- 80A  MW- 80B  MW- 81  MW- 82  MW- 82D (HS-S)  MW- 82D (HS-M)  MW- 82R [R]  MW- 83R  MW- 83R	Gauging only Quarterly Quarterly Quarterly Quarterly Monthly? Monthly Composite Monthly Quarterly Semi-Annual Quarterly Quarterly Quarterly Quarterly	Abandon Quarterly Quarterly Q Gauging only Semi-Annual Monthly? Quarterly Single-Interval Quarterly Q Gauging only Abandon Semi-Annual Quarterly Semi-Annual	Abandon Quarterly Quarterly Gauge Only Quarterly Quarterly Quarterly Gauge Only Stop Sampiling / Retain Quarterly Quarterly Quarterly	Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Approved Approved Approved Approved Approved Retain for potential post remediation monitoring Recent RW conversion; quarterly sample for minimum of 12 months Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Recent RW conversion; quarterly sample for minimum of 12 months
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B MW- 81  MW- 82  MW- 82D (HS-S) MW- 82D (HS-S) MW- 82D (HS-D) MW- 82R [R] MW- 83 MW- 83 MW- 84 MW- 84P MW- 85	Gauging only Quarterly Quarterly Quarterly Quarterly Monthly? Monthly Composite Monthly Quarterly Semi-Annual Quarterly Quarterly Quarterly Quarterly Gauging only	Abandon Quarterly Quarterly Q Gauging only Semi-Annual Monthly? Quarterly Single-Interval Quarterly Q Gauging only Abandon Semi-Annual Quarterly Semi-Annual Gauging only	Abandon Quarterly Quarterly Gauge Only Quarterly Quarterly Quarterly Quarterly Stop Sampiling / Retain Quarterly Quarterly Quarterly Quarterly Quarterly Quarterly	Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Approved Approved Approved Approved Approved Retain for potential post remediation monitoring Recent RW conversion; quarterly sample for minimum of 12 months Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved
MW- 78C (227) MW- 78C (290) MW- 78R MW- 79 MW- 80A MW- 80B MW- 81  MW- 82  MW- 82D (HS-S) MW- 82D (HS-M) MW- 82D (HS-D) MW- 83 MW- 83 MW- 83 MW- 84 MW- 84P MW- 85	Gauging only Quarterly Quarterly Quarterly Quarterly Monthly? Monthly Composite Monthly Quarterly Semi-Annual Quarterly Quarterly Quarterly Quarterly	Abandon Quarterly Quarterly Q Gauging only Semi-Annual Monthly? Quarterly Single-Interval Quarterly Q Gauging only Abandon Semi-Annual Quarterly Semi-Annual	Abandon Quarterly Quarterly Gauge Only Quarterly Quarterly Quarterly Gauge Only Stop Sampiling / Retain Quarterly Quarterly Quarterly	Approved Approved Approved Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Approved Approved Approved Approved Approved Retain for potential post remediation monitoring Recent RW conversion; quarterly sample for minimum of 12 months Approved Recent RW conversion; quarterly sample for minimum of 12 months Approved Recent RW conversion; quarterly sample for minimum of 12 months

Well ID	Current Monitoring Activity	EM Proposed Monitoring Activity	MDE Approved Monitoring Activity	MDE Response / Comment
MW- 87	Monthly	Semi-Annual	Quarterly	Recent RW conversion; quarterly sample for minimum of 12 months
MW- 87P	Gauging only	Gauging only	Gauge Only	Approved
MW- 88	Quarterly	Semi-Annual	Semi-Annual	Approved
MW- 88P	Gauging only	Abandon	Abandon	Approved
MW- 89 [R]	Monthly	Quarterly	Quarterly	Approved
MW- 90	Quarterly	Q Gauging only	Semi-Annual	Post remediation monitoring
MW- 91	Monthly	Quarterly	Quarterly	Approved
MW- 91C [R]	Monthly	Quarterly	Quarterly	Approved
MW- 91D	Monthly	Semi-Annual	Semi-Annual	Approved
MW- 92	Semi-Annual	Abandon	Abandon	Approved
MW- 92A	Quarterly	Q Gauging only	Gauge Only	Approved
MW- 92C (73) MW- 92C (103-105) MW- 92C (203) MW- 92C (210-215) MW- 92C (315)	Quarterly/ Interval	Abandon	Abandon	Approved
MW- 92C (313)	Semi-Annual	Abandon	Abandon	Approved
MW- 93B	Semi-Annual	Abandon	Abandon	Approved
MW- 93C MW- 93C (92) MW- 93C (143) MW- 93C (171) MW- 93C (185) MW- 93C (237) MW- 93C (288)	Quarterly/ Interval	Abandon	Abandon	Approved
MW- 94	Semi-Annual	Q Gauging only	Gauge Only	Approved
MW- 95	Quarterly	Q Gauging only	Gauge Only	Approved
MW- 95B	Quarterly	Abandon	Abandon	Approved
MW- 96A	Gauging only	Gauging only	Gauge Only	Approved
MW- 96B	Semi-Annual	Abandon	Abandon	Approved
MW- 97	Gauging only	Gauging only	Gauge Only	Approved
MW- 98A	Already abandoned			
MW- 98B	Already abandoned			
MW- 99A	Gauging only	Gauging only	Gauge Only	Approved
MW- 99B	Gauging only	Abandon	Abandon	Approved
MW- 100A	Quarterly	Abandon	Abandon	Approved
MW- 100B	Quarterly	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 101A	Quarterly	Q Gauging only	Gauge Only	Approved
MW- 101B	Quarterly	Abandon	Abandon	Approved
MW- 102	Already abandoned			
MW- 103	Quarterly	Q Gauging only	Gauge Only	Approved
MW- 104	Gauging only	Gauging only	Gauge Only	Approved
MW- 105	Quarterly	Abandon	Semi-Annual	Retain for post remediation monitoring
MW- 106	Quarterly	Q Gauging only	Gauge Only	Approved
MW- 107	Quarterly	Q Gauging only Q Gauging only	Gauge Only	Approved
MW- 108 <b>MW- 109</b>	Monthly	Q Gauging only	Gauge Only Semi-Annual	Approved Post remediation monitoring
MW- 110	Quarterly Quarterly	Semi-Annual	Quarterly	Recent RW conversion; quarterly sample for minimum of 12 months
MW- 111	Already abandoned			
MW- 112	Already abandoned			
MW- 113	Already abandoned			
MW- 114	Semi-Annual	Abandon	Abandon	Approved
MW- 115	Already abandoned			
MW- 116	Already abandoned			
MW- 117	Already abandoned			
MW- 118	Quarterly	Abandon	Abandon	Approved
MW- 119	Semi-Annual	Q Gauging only	Gauge Only	Approved
MW- 120	Gauging only	Abandon	Abandon	Approved
MW- 121 [R]	Quarterly	Quarterly	Quarterly	Approved

Well ID	Current Monitoring Activity	EM Proposed Monitoring Activity	MDE Approved Monitoring Activity	MDE Response / Comment
MW- 122	Gauging only	Gauging only	Gauge Only	Approved
MW- 123	Already abandoned			
MW- 124	Already abandoned			
MW- 125	Quarterly	Quarterly	Quarterly	Approved
MW- 126	Already abandoned			
MW- 127	Already abandoned			
MW- 128A	Already abandoned			
MW- 128B	Already abandoned			
MW- 128C	Already abandoned			
. MW- 129A MW- 129B	Already abandoned Already abandoned			
MW- 129B	Gauging only	Gauging only	Gauge Only	Approved
MW- 131A	Monthly	Abandon		Retain for potential post remediation monitoring
MW- 131B	Monthly	Abandon	Stop Sampiling / Retain	Retain for potential post remediation monitoring
MW- 131C (67)				
MW- 131C (147)				
MW- 131C (250)				
MW- 131C (270)	Quarterly/ Interval			
MW- 131C (310)		Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 131C (329.5)				
MW- 131C (350)				
MW- 131C (HS-S)	Monthly/ Composite			
MW- 131C (HS-D)		O Couping solu	Gauge Only	Approved
MW- 132A	Quarterly Ouarterly	Q Gauging only Abandon	Abandon	Approved
MW- 132B MW- 133A	Semi-Annual	Q Gauging only	Gauge Only	Approved
MW- 133B	Semi-Annual	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 133C (76)	Dem Timudi	Abundon	Diop Damping: Itema	
MW- 133C (107)	Quarterly/ Interval	Abandon		Retain for potential post remediation monitoring
MW- 133C (170)				
MW- 134A	Semi-Annual	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 134B	Semi-Annual	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 135A	Semi-Annual	Abandon	Stop Sampiling / Retain	Retain for potential post remediation monitoring
MW- 135B	Semi-Annual	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 135C (113.5)		,		
MW- 135C (136)	_			
MW- 135C (177)		·		
MW- 135C (200)	Quarterly/ Interval			
MW- 135C (288) MW- 135C (292.5)	Quarterly/ Interval	Abandon	Ston Sampilng / Retain	Retain for potential post remediation monitoring
MW- 135C (292.5) MW- 135C (358)		Abandon	Stop Samping / Retain	Actum for potential poor remediation monitoring
MW- 135C (378)				
MW- 135C (388.5)				
MW- 135C (HS-S)	Mandala (C)	1		
MW- 135C (HS-D)	Monthly/ Composite			
MW- 136	Semi-Annual	Q Gauging only	Gauge Only	Approved
MW- 137	Quarterly	Semi-Annual	Quarterly	Recent RW conversion; quarterly sample for minimum of 12 months
MW- 138	Quarterly	Semi-Annual	Quarterly	Post remediation monitoring
MW- 138D (77-82)	_			
MW- 138D (95-100)				
MW- 138D (120-125				
MW- 138D (151-156			1	
MW- 138D (190-200		Quarterly	Quarterly	Approved
MW- 138D (217-222	<del></del>			•
MW- 138D (250-255 MW- 138D (288-293			}	
MW- 138D (288-293 MW- 138D (332-337				
MW- 138D (379-384				
	.)		•	
MW- 138D (379-384	Quarterly	Quarterly	Quarterly	Approved

Well ID	Current Monitoring Activity	EM Proposed Monitoring Activity	MDE Approved Monitoring Activity	MDE Response / Comment
MW- 140B	Semi-Annual	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 141A	Quarterly	Abandon	Abandon	Approved
MW- 141B	Quarterly	Abandon	Abandon	Approved
MW- 141C				
MW- 141C (103)	Quarterly	Abandon	Abandon	Approved
MW- 141C (155)				
MW- 142	Quarterly	Q Gauging only	Gauge Only	Approved
MW- 143	Quarterly	Abandon	Stop Sampling / Retain	Retain for potential post remediation monitoring
MW- 144	Quarterly	Quarterly	Quarterly	Approved
MW- 145P	Gauging only	Gauging only	Gauge Only	Approved
MW- 146	Quarterly	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 146B	Semi-Annual	Abandon	Stop Sampilng / Retain	Retain for potential post remediation monitoring
MW- 146C (HS-S) MW- 146C (HS-D)	- Semi-Annual	Abandon	Semi-Annual	Retain for post remediation monitoring
MW- 147	Once	Abandon	Abandon	Approved
MW- 147PA	Gauging only	Abandon	Abandon	Approved
MW- 147PB	Quarterly	Abandon	Abandon	Approved
MW- 147PC	Gauging only	Abandon	Abandon	Approved
MW- 148A	Semi-Annual	Abandon	Abandon	Approved
MW- 148B	Semi-Annual	Abandon	Abandon	Approved
MW- 149	Already abandoned	***************************************		
MW- 150A	Semi-Annual	Q Gauging only	Gauge Only	Approved
MW- 150B	Semi-Annual	Abandon	Abandon	Approved
MW- 151 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 152 [R]	Quarterly	Quarterly	Quarterly	Approved
MW- 153A	Already abandoned			
MW- 153B	Already abandoned			
MW- 154	Semi-Annual	Abandon	Stop Sampling / Retain	Retain for potential post remediation monitoring
MW- 155	Gauging only	Abandon	Abandon	Approved
MW- 156	Semi-Annual	Stop sampling	Stop Sampling / Retain	Approved
MW- 157P	Gauging only	Gauging only	Gauge Only	Approved
MW- 158P	Already abandoned			
MW- 159	Quarterly	Quarterly	Quarterly	Approved
MW- 160	Quarterly	Quarterly	Quarterly	Approved
MW- 161	Already abandoned		0. 0. 11 (7)	
MW- 162A	Quarterly	Abandon		Retain for potential post remediation monitoring
MW- 162B	Quarterly	Abandon	Stop Sampling / Retain	Retain for potential post remediation monitoring
MW- 162C (148) MW- 162C (153) MW- 162C (206)	Quarterly/ Interval	Abandon	Stop Sampling / Retain	Retain for potential post remediation monitoring
MW- 162C (254)	1			
MW- 163B	Already abandoned			
MW- 164B	Quarterly	Abandon	Abandon	Approved
MW- 165C (68)				
MW- 165C (78)	] :			}
MW- 165C (90)	]			
MW- 165C (100)	Ouarterly/ Interval	Abandon	Abandon	Approved
MW- 165C (138)	Quanterry/ interval	Avanuon	Avangon	Approved
MW- 165C (150)				
MW- 165C (210)	_			
MW- 165C (383)				
MW- 166A	Quarterly	Q Gauging only	Gauge Only	Approved
MW- 166B	Quarterly	Abandon	Abandon	Approved
MW- 166C (148)				
MW- 166C (200)				
MW- 166C (307)	Quarterly/ Interval	Stop sampling	Stop Sampling / Retain	Approved
MW- 166C (377)		2.07 omniping	- 10p camping / Itelum	
MW- 166C (393)	_			· ·
MW- 166C (435)				
MW- 167	Monthly	Semi-Annual	Semi-Annual	Approved
MW- 168 (67)			1	

## Current, EM Proposed and MDE Approved Monitoring Activities (sorted by well ID)

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don A		
	Abandon Appro	ved
	Abandon Appro	ved
don A		
1	Abandon Appro	ved
don A	Abandon Appro	ved
don A	Abandon Appro	ved
don A	Abandon Appro	ved
erly Q	Quarterly Appro	ved
		emediation monitoring
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ng only Gar	auge Only Appro	ved
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ng only         Sem           Single-val         Q           ng only         Sem           don         Sem           erly         Q	ni-Annual Retain	
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## Current, EM Proposed and MDE Approved Monitoring Activities (sorted by well ID)

Well ID	Current Monitoring Activity	EM Proposed Monitoring Activity	MDE Approved Monitoring Activity	MDE Response / Comment
MW- 181C (HS-D)	wominy composite			
MW- 182 (HS-S)		Quarterly Single-	O	Annual
MW- 182 (HS-D)	Monthly/ Composite	Interval	Quarterly	Approved
MW- 183 [R]	Monthly	Quarterly	Quarterly	Approved
MW- 184 [R]	Monthly	Quarterly	Quarterly	Approved
MW- 185 [R]	Monthly	Quarterly	Quarterly	Approved
MW- 186D AP/(HS-S)	Monthly/ Composite	Abandon	Stop Sampling / Retain	Retain for potential post remediation monitoring
MW- 187A [R]	Monthly	Quarterly	Quarterly	Approved
MW- 187B [R]	Monthly	Quarterly	Quarterly	Approved
MW- 187C [R]	Monthly	Quarterly	Quarterly	Approved
MW- 188D (AP)	Monthly Interval	Monthly Interval	Monthly	Approved
MW- 188D (BP)	wioning moreat	A TORIGINA	ontiny	- PP
MW- 189D (79)				
MW- 189D (91.5)				
MW- 189D (117-119)				
MW- 189D (122)				·
MW- 189D (138-140)			Overted	Ammound
MW- 189D (161)	N. C. at 1. ( 1. c			
MW- 189D (216)	Monthly/ Interval	Quarterly interval	Quarterly	Approved
MW- 189D (256-258)				
MW- 189D (278)				
MW- 189D (315)				
MW- 189D (357)				
MW- 189D (374)				
PW- 14311 (38.5-40)				
PW- 14311 (49-51)				
PW- 14311 (59-61)				
PW- 14311 (110.5-				
113)	Quarterly/ Interval	Stop sampling	Stop Sampling / Retain	Approved
PW- 14311 (117)	` '		' ' '	1
PW- 14311 (136)				
PW- 14311 (155.5)				
PW- 14311 (237)				
PW- 14311 (280)				
PW- 3501 (56-57.5)		1		
PW- 3501 (69-70.5)				
PW- 3501 (88.5)				
PW- 3501 (131)				
PW- 3501 (147-148.5)				
PW- 3501 (153)	Ougetoelu/ Intonial			
PW- 3501 (220)	Quarterly/ Interval			
PW- 3501 (290)		Stop Sampling	Stop Sampling / Retain	Approved
PW- 3501 (300)				
PW- 3501 (333)				
PW- 3501 (361)				
PW- 3501 (391.5)				
PW- 3501 (413)				
PW- 3501 AP/(HS-S)				
PW- 3501 BP/(HS-D)	Monthly/ Composite			
	M	O-10-1-1-1	Oue-tl-:	Approved
SVE- 1 [R]	Monthly	Quarterly	Quarterly	Approved
SVE- 2 [R]	Quarterly	Quarterly	Quarterly	Approved
SVE- 3 [R]	Monthly	Quarterly	Quarterly	Approved