

Wellhead Closure Checklist 2

Additional Attachments (Optional)	Flowline Closure
Site Name	Brandel 5-14A
Remediation Project #	29474
Wellhead Information	
Weather	90 degrees, sunny
Client	OXY
Location	
Latitude	40.226335
Longitude	-104.751232
General Condition of Site	Good
USCS Soil Type	Sand / Sand
Estimated Depth to Groundwater	<20'
Hydrocarbon Impacted Soils / Spills	None encountered
Salt Crusted Soils or Impacted Vegetation	None encountered

Soil Samples							
#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R1	08/14/2023	01:29 PM	WHS-N01@3"	1.2	N.S	N.O	Wellhead Surface
R2	08/14/2023	01:31 PM	WHS-W01@3"	0.8	N.S	N.O	Wellhead Surface
R3	08/14/2023	01:33 PM	WHS-S01@3"	1.5	N.S	N.O	Wellhead Surface
R4	08/14/2023	01:35 PM	WHS-E01@3"	1.8	N.S	N.O	Wellhead Surface
R5	08/14/2023	02:35 PM	WH-B01@8'	11.3	N.S	N.O	Wellhead
R6	08/14/2023	02:38 PM	WH-N01@7'	3.5	N.S	N.O	Wellhead
R7	08/14/2023	02:40 PM	WH-S01@7'	1.3	N.S	N.O	Wellhead
R8	08/14/2023	02:43 PM	WH-E01@7'	1.2	N.S	N.O	Wellhead
R9	08/14/2023	02:45 PM	WH-W01@7'	1.3	N.S	N.O	Wellhead
R10	08/14/2023	02:47 PM	FL-B01@6'	0.5	N.S	N.O	Flowline at Wellhead
R11	08/14/2023	02:49 PM	WH-BG01@3'	0.7	N.S	N.O	Wellhead Background
R12	08/14/2023	02:51 PM	WH-BG01@6'	1.3	N.S	N.O	Wellhead Background
R13	08/14/2023	02:53 PM	WH-BG02@3'	1.7	N.S	N.O	Wellhead Background
R14	08/14/2023	02:55 PM	WH-BG02@6'	2.1	N.S	N.O	Wellhead Background
R15	08/14/2023	03:28 PM	WH-BG03@3'	1.6	N.S	N.O	Wellhead Background
R16	08/14/2023	03:38 PM	WH-BG03@6'	1.2	N.S	N.O	Wellhead Surface
R17	08/14/2023	03:48 PM	FL-B02@4'	1.4	N.S	N.O	Flowline at Separator

Photo(s)

R1 - P1



Facing West

R2 - P1



Facing North

R3 - P1



Facing North

R4 - P1



Facing North

R5 - P1



Facing East

R9 - P1



Facing West

R10 - P1



Facing East

R17 - P1



Facing South

Other observations regarding wellheads

Summary

Was impacted soil identified?	No
Total number of soil samples field screened	17
Total number of soil samples collected	17
Highest PID Reading	11.3
Total number of soil samples submitted to lab for analysis	10
Was groundwater encountered during the investigation?	No
Measured depth to groundwater	
Was remedial groundwater removal conducted?	No
Date Groundwater was encountered	
Commencement date of removal	
Sheen on groundwater?	
Free product observed?	
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	
Total number of groundwater samples submitted to lab for analysis	



Wellhead Closure Checklist 2

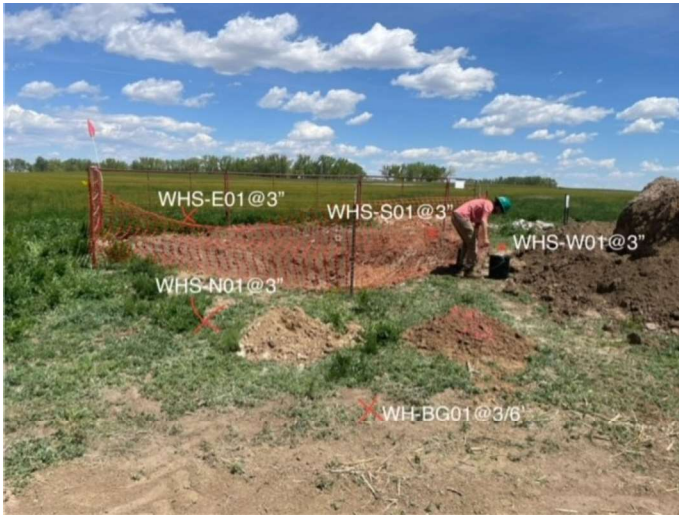
Additional Attachments (Optional)	Flowline Closure
Site Name	Breen 6-14
Remediation Project #	34408
Wellhead Information	
Weather	73° sunny
Client	Oxy
Location	
Latitude	40.22648
Longitude	-104.74627
General Condition of Site	Good
USCS Soil Type	Sandy Clay Loam / Sndy Clay Lm
Estimated Depth to Groundwater	<20'
Hydrocarbon Impacted Soils / Spills	None observed
Salt Crusted Soils or Impacted Vegetation	None observed

Soil Samples							
#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R1	05/14/2024	11:26 AM	WH-BG01@3'	2.3	N.S	N.O	Wellhead Background
R2	05/14/2024	11:28 AM	WH-BG01@6'	4.2	N.S	N.O	Wellhead Background
R3	05/14/2024	11:30 AM	WH-BG02@3'	2.7	N.S	N.O	Wellhead Background
R4	05/14/2024	11:32 AM	WH-BG02@6'	2.7	N.S	N.O	Wellhead Background
R5	05/14/2024	11:34 AM	WH-BG03@3'	1.0	N.S	N.O	Wellhead Background
R6	05/14/2024	11:36 AM	WH-BG03@6'	1.5	N.S	N.O	Wellhead Background
R7	05/14/2024	11:38 AM	WH-BG04@3'	0.7	N.S	N.O	Wellhead Background
R8	05/14/2024	11:40 AM	WH-BG04@6'	0.8	N.S	N.O	Wellhead Background
R9	05/14/2024	11:42 AM	WH-B01@6'	0.4	N.S	N.O	Wellhead
R10	05/14/2024	11:46 AM	WH-N01@5'	1.5	N.S	N.O	Wellhead
R11	05/14/2024	11:48 AM	WH-E01@5'	1.3	N.S	N.O	Wellhead
R12	05/14/2024	11:50 AM	WH-S01@5'	1.2	N.S	N.O	Wellhead
R13	05/14/2024	11:52 AM	WH-W01@5'	1.2	N.S	N.O	Wellhead
R14	05/14/2024	11:44 AM	FL-B01@4'	0.6	N.S	N.O	Flowline at Wellhead
R15	05/14/2024	11:54 AM	WH-B01-01@6'	0.6	N.S	N.O	Wellhead
R16	05/14/2024	11:56 AM	FL-B01-01@4'	0.7	N.S	N.O	Flowline at Wellhead
R17	05/14/2024	11:58 AM	WHS-N01@3"	1.2	N.S	N.O	Wellhead Surface
R18	05/14/2024	12:00 PM	WHS-E01@3"	0.9	N.S	N.O	Wellhead Surface
R19	05/14/2024	12:02 PM	WHS-S01@3"	0.7	N.S	N.O	Wellhead Surface

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R20	05/14/2024	12:04 PM	WHS-W01@3"	1.0	N.S	N.O	Wellhead Surface
R21	06/19/2024	04:06 PM	FL-B02@4'	0.2	N.S	N.O	Flowline
R22	06/19/2024	04:08 PM	FL-B03@4'	0.9	N.S	N.O	Flowline
R23	06/19/2024	04:10 PM	FL-B04@4'	0.9	N.S	N.O	Flowline
R24	06/20/2024	04:12 PM	FL-B05@4'	1.4	N.S	N.O	Flowline
R25	06/19/2024	04:14 PM	FL-B06@4'	1.9	N.S	N.O	Flowline
R26	06/19/2024	04:16 PM	FL-B07@4'	1.1	N.S	N.O	Flowline
R27	06/19/2024	04:18 PM	FL-B08@4'	1.3	N.S	N.O	Flowline
R28	06/19/2024	04:20 PM	FL-B09@4'	1.8	N.S	N.O	Flowline
R29	06/19/2024	04:22 PM	FL-B10@4'	2.8	N.S	N.O	Flowline
R30	06/19/2024	04:24 PM	FL-B11@4'	3.2	N.S	N.O	Flowline
R31	06/19/2024	04:26 PM	FL-B12@4'	3.1	N.S	N.O	Flowline
R32	06/19/2024	04:28 PM	FL-B13@4'	2.6	N.S	N.O	Flowline
R33	06/20/2024	02:20 PM	FL-B14@4'	0.1	N.S	N.O	Flowline
R34	06/20/2024	02:22 PM	FL-B15@4'	0.2	N.S	N.O	Flowline
R35	06/20/2024	02:24 PM	FL-B16@4'	0.1	N.S	N.O	Flowline
R36	06/20/2024	02:26 PM	FL-B17@4'	0.0	N.S	N.O	Flowline
R37	06/20/2024	02:28 PM	FL-B18@4'	0.7	N.S	N.O	Flowline
R38	06/20/2024	02:30 PM	FL-B19@4'	0.5	N.S	N.O	Flowline
R39	06/20/2024	02:32 PM	FL-B20@4'	0.6	N.S	N.O	Flowline
R40	06/20/2024	02:34 PM	FL-B21@4'	0.4	N.S	N.O	Flowline
R41	06/20/2024	02:36 PM	FL-B22@4'	0.4	N.S	N.O	Flowline
R42	06/20/2024	02:38 PM	FL-B23@4'	0.2	N.S	N.O	Flowline
R43	06/20/2024	02:40 PM	FL-B24@4'	0.5	N.S	N.O	Flowline Directional Change
R44	06/20/2024	02:42 PM	FL-B25@4'	0.8	N.S	N.O	Flowline
R45	06/24/2024	10:20 AM	FL-B26@4'	3.4	N.S	N.O	Flowline at Separator

Photo(s)

R1 - P1



facing southeast

R3 - P1



facing north

R5 - P1



facing southeast

R9 - P1



facing southeast

R21 - P1



Facing west

R22 - P1



Facing west

R23 - P1



Facing west

R24 - P1



Facing west

R25 - P1



Facing west

R26 - P1



Facing west

R27 - P1



Facing west

R28 - P1



Facing west

R29 - P1



Facing west

R30 - P1



Facing west

R31 - P1



Facing west

R32 - P1



Facing west

R33 - P1



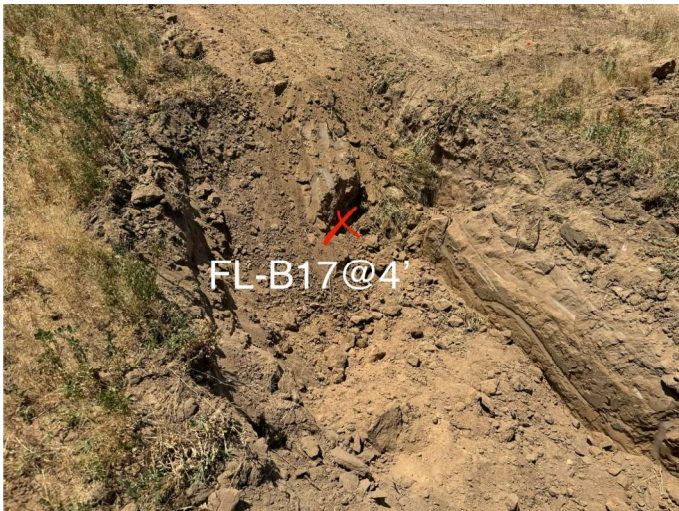
facing west

R35 - P1



facing west

R36 - P1



facing west

R37 - P1



facing west

R38 - P1



facing west

R39 - P1



facing west

R40 - P1



facing west

R41 - P1



facing west

R42 - P1



facing west

R43 - P1



facing southwest

R44 - P1



facing south

R45 - P1



Facing north

Other observations regarding wellheads

Summary	
Was impacted soil identified?	No
Total number of soil samples field screened	45
Total number of soil samples collected	45
Highest PID Reading	4.2
Total number of soil samples submitted to lab for analysis	14
Was groundwater encountered during the investigation?	No
Measured depth to groundwater	
Was remedial groundwater removal conducted?	
Date Groundwater was encountered	
Commencement date of removal	
Sheen on groundwater?	
Free product observed?	
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	
Total number of groundwater samples submitted to lab for analysis	