

Wellhead Closure Checklist

Additional Attachments (Optional)

Well Name	Strong P 28-2
Remediation Project #	24758
Date	09/07/2022

Wellhead Information

Client	Occidental Petroleum
Weather	88, sunny
Field Personnel	AM, MB
Location	
Latitude	40.200392
Longitude	-104.891293
Accuracy	m
General Condition of Site	Site in good condition
USCS Soil Type	<i>Sandy Clay / Sandy Clay</i>
Estimated Depth to Groundwater	<20'
Hydrocarbon Impacted Soils / Spills	Impacted soils observed at WH
Salt Crusted Soils or Impacted Vegetation	None observed

Soil Samples

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R1	09/07/2022	01:15 PM	FL-B02@3'	0.9	N.S	N.O	Flowline
R2	09/07/2022	01:38 PM	WH-BG01@3'	1.8	N.S	N.O	Background
R3	09/07/2022	01:40 PM	WH-BG01@6'	2.3	N.S	N.O	Background
R4	09/07/2022	01:41 PM	WH-BG02@3'	0.5	N.S	N.O	Background
R5	09/07/2022	01:42 PM	WH-BG02@6'	0.6	N.S	N.O	Background
R6	09/07/2022	02:51 PM	FL-B01@2'	0.9	N.S	N.O	Flowline
R7	09/07/2022	02:53 PM	FL-B03@4'	2.3	N.S	N.O	Flowline
R8	09/07/2022	02:54 PM	Initial Waste Characterization@4'	339.0	Black staining	HC odor	Wellhead
R9	09/08/2022	02:05 PM	WH-B01@6'	1181	black staining	HC odor	Wellhead
R10	09/08/	02:06 PM	WH-N01@5'	7.1	N.S	N.O	Wellhead

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
	2022						
R11	09/08/2022	02:09 PM	WH-S01@5'	8.9	N.S	N.O	Wellhead
R12	09/08/2022	02:10 PM	WH-E01@5'	2.2	N.S	N.O	Wellhead
R13	09/08/2022	02:11 PM	WH-W01@5'	31.5	N.S	Slight HC odor	Wellhead
R14	09/08/2022	02:13 PM	WHS-N01@3"	3.4	N.S	N.O	Wellhead
R15	09/08/2022	02:14 PM	WHS-S01@3"	2.8	N.S	N.O	Wellhead
R16	09/08/2022	02:15 PM	WHS-E01@3"	2.7	N.S	N.O	Wellhead
R17	09/08/2022	02:16 PM	WHS-W01@3"	260.1	N.S	HC odor	Wellhead
R18	09/09/2022	11:26 AM	FL-B04@3'	0.1	N.S	N.O	Abandoned Flowline
R19	09/15/2022	02:20 PM	DL-B01@5'	31.6	HC staining	Slight HC odor	DCP dump line
R20	11/01/2022	12:43 PM	WH-B02@11'	2.8	N.S	N.O	Wellhead Excavation
R21	11/01/2022	12:44 PM	WH-N02@6'	0.3	N.S	N.O	Wellhead Excavation
R22	11/01/2022	12:45 PM	WH-N03@6'	0.2	N.S	N.O	Wellhead Excavation
R23	11/01/2022	12:46 PM	WH-S02@6'	0.4	N.S	N.O	Wellhead Excavation
R24	11/01/2022	12:47 PM	WH-S03@6'	0.3	N.S	N.O	Wellhead Excavation
R25	11/01/2022	12:48 PM	WH-E02@6'	0.2	N.S	Slight HC odor	Wellhead Excavation
R26	11/01/2022	12:50 PM	WH-W02@1'	0.1	N.S	Slight HC odor	Wellhead Excavation
R27	11/01/2022	12:53 PM	WH-W02@6'	0.2	N.S	N.O	Wellhead Excavation
R28	11/01/2022	01:28 PM	WH-BG03@10'	0.8	N.S	N.O	Wellhead background
R29	11/01/2022	01:41 PM	WH-BG04@10'	0.5	N.S	N.O	Wellhead background

Photo(s)

R1 - P1



Looking south

R2 - P1



Looking west

R4 - P1



Looking east

R6 - P1



Looking Southwest

R7 - P1



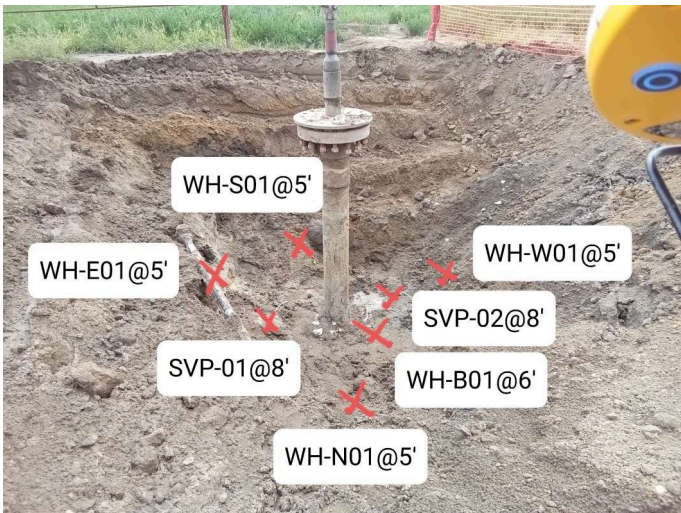
Looking West

R8 - P1



Looking Northwest

R9 - P1



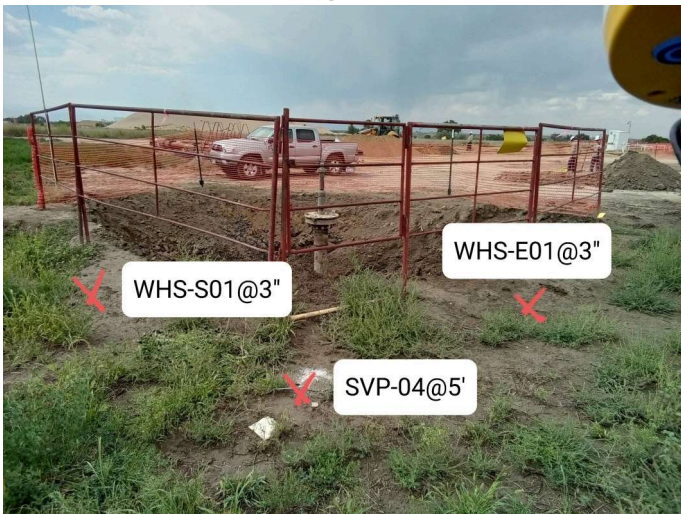
Looking South

R14 - P1



Looking South

R15 - P1



Looking Northwest

R17 - P1



Looking Southeast

R18 - P1



Looking Northwest

R20 - P1



Looking East

R26 - P1



Looking North

R28 - P1



Looking South

R29 - P1



Looking East

Other observations regarding wellheads

Summary

Was impacted soil identified?	Yes - less than 10 cubic yards
Total number of soil samples field screened	29
Total number of soil samples collected	29
Highest PID Reading	1181
Total number of soil samples submitted to lab for analysis	18
Was groundwater encountered during the investigation?	Yes - groundwater impacted and/or in contact with impacted soils
Measured depth to groundwater	10'
Was remedial groundwater removal conducted?	No
Date Groundwater was encountered	11/01/2022
Commencement date of removal	
Sheen on groundwater?	No
Free product observed?	No
Volume of groundwater removed prior to sampling	
Volume of groundwater removed post sampling	
Total volume of groundwater removed	
Total number of groundwater samples collected	1
Total number of groundwater samples submitted to lab for analysis	1