

Wellhead Closure Checklist

Project	Occidental Petroleum
ID	288378
Survey Date	10/17/2022
User	Matt Bellia
Additional Attachments (Optional)	Flowline Closure
Well Name	Berry 1
Remediation Project #	
Date	10/17/2022

Wellhead Information

Client	Occidental Petroleum
Weather	52, Sunny
Field Personnel	MDB
Location	
Latitude	40.24369
Longitude	-104.9086
Accuracy	m
General Condition of Site	Good
USCS Soil Type	Clay Loam / Clay Loam
Estimated Depth to Groundwater	<20'
Hydrocarbon Impacted Soils / Spills	HC impacted soils observed at wellhead
Salt Crusted Soils or Impacted Vegetation	None observed

Soil Samples

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
R1	10/17/2022	10:13 AM	WHS-N01@3"	0.7	N.S	N.O	wellhead
R2	10/17/2022	10:15 AM	WHS-S01@3"	22.4	N.S	Slight HC Odor	wellhead
R3	10/17/2022	10:17 AM	WHS-E01@3"	1.6	N.S	N.O	wellhead
R4	10/17/2022	10:18 AM	WHS-W01@3"	0.9	N.S	N.O	wellhead
R5	10/17/2022	10:19 AM	WH-BG01@3'	1.4	N.S	N.O	wellhead
R6	10/17/2022	10:21 AM	WH-BG01@6'	1.1	N.S	N.O	wellhead
R7	10/17/2022	11:46 AM	WH-B01@6'	1087	HC staining	Strong HC odor	wellhead
R8	10/17/2022	11:49 AM	FL-B01@4'	26.7	N.S	N.O	wellhead
R9	10/17/2022	11:50 AM	WH-N01@5'	148.1	Slight HC staining	slight HC odor	wellhead
R10	10/17/2022	11:52 AM	WH-S01@5'	410.8	slight HC staining	Strong HC	wellhead

#	Sample Date	Sample Time	Soil Sample ID	PID Readings	Visual	Olfactory	Equipment Name
						odor	
R11	10/17/2022	11:53 AM	WH-E01@5'	34.5	N.S	N.O	wellhead
R12	10/17/2022	11:54 AM	WH-W01@5'	50.3	N.S	Slight HC odor	wellhead
R13	10/17/2022	11:55 AM	WH-BG02@3'	7.5	N.S	N.O	wellhead
R14	10/17/2022	11:56 AM	WH-BG02@6'	6.1	N.S	N.O	wellhead
R15	10/17/2022	11:57 AM	WH-BG03@3'	5.2	N.S	N.O	wellhead
R16	10/17/2022	11:57 AM	WH-BG03@6'	4.5	N.S	N.O	wellhead
R17	11/07/2022	01:43 PM	FL-B02@3'	0.8	N.S	N.O	Flowline at Separator

Photo(s)

R1 - P1



Looking northwest

R2 - P1



Looking southeast

R3 - P1



Looking west

R5 - P1



Looking northeast

R13 - P1



Looking north

R17 - P1



Looking South

Other observations regarding wellheads

Summary

Was impacted soil identified?

Yes - less than 10 cubic yards

Total number of soil samples field screened	17
Total number of soil samples collected	17
Highest PID Reading	1087
Total number of soil samples submitted to lab for analysis	13
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	