

Inspection Photos

Location Name: Homer Deep Unit 9-41

Location ID: #432260

Inspection Date: September 19, 2018



Photo #1 – Arrow depicts location of severed 10” poly line that was source of release to center of pad (assigned Spill/Release ID #457569).



Photo #2 – Google Earth 2016 aerial photo provided by operator depicts location of severed 10” poly line in relation to historical Pit ID #432420. COGCC records indicate that pit was abandoned by previous operator in November 2017. See Remediation Project #10495 for additional information.



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Photo #3 – View of exposed, severed 10” poly line that was source of Spill/Release ID #457569.



Photo #4 – Produced water released from 10” polyline flowed NW into stormwater ditch overlying former pit location. Operator constructed containment berm along ditch.



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**Photo #5 – Subsidence observed along stormwater ditch/former pit area related to subsurface fluid migration.
(1)**



**Photo #6 - Subsidence observed along stormwater ditch/former pit area related to subsurface fluid migration.
(2)**



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Photo #7 – Dam constructed by operator during initial response to release from severed 10” poly line is located at terminus of stormwater ditch.



Photo #8 – Stockpile of impacted soil scraped from pad surface.



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Photo #9 – Additional produced water impacts located ~130' SE of tank battery at distal end of severed 10" poly line (Spill/Release ID #457570). Note operator constructed berm of black liner material to prevent release from entering into stormwater culvert.



Photo #10 – 10" poly line from previous photo leads into stormwater ditch on south side of lease road through a culvert. Produced water impacts from Spill/Release ID #457570 extend into this ditch for approximately 200'.



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Photo #11 – Valve access vault on south side of lease road was impacted by produced water released during Spill/Release ID #457570. Note evidence of additional subsidence in this area.



Photo #12 – Subsidence inside of stormwater ditch related to Spill/Release ID #457570.



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Photo #13 – Produced water released by Spill/Release ID #457570 flowed ~200' in stormwater ditch. View from inside of ditch, looking north.



Photo #14 – Sediment trap located at terminus of stormwater ditch was also impacted by produced water released during Spill/Release ID #457570.

