

Inspection Photos
Martin J Schaefer #2 Flowline
Spill ID 480698 (AC)



Photo 1 – Spill source location



**Photo 2 – Free product remains on surface at
scraped spill area.**

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**Photo 3 – Entrance point of spill into stream/ wetland.
Measurable free product present on groundwater.**



**Photo 4 – Soils dam constructed downstream of spill.
Hydrocarbons observed on groundwater on both sides of
the dam and on water running down the dam surface.**

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Photo 5 – Soil dam. Running water with hydrocarbons observed on dam.



Photo 6 – View looking downstream. Absorbent pads placed in stream. Free product visible on surface water. Impacts to soil and vegetation visible along the stream. Wetlands dredged.

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COGCC Environmental Inspection
40.06344, -104.85566, 4902.5ft, 303°
09/02/2021 03:23:57 PM

Photo 7 – Impacts to soils and surface water. Free product visible. Wetlands dredged.



COGCC Environmental Inspection
40.06347, -104.85547, 4900.4ft, 351°
09/02/2021 03:23:30 PM

Photo 8 – Improperly installed boom allowing hydrocarbons to flow downstream through gap.

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Photo 9 – Impacted soils along stream bank.



Photo 10 – Impacted soils and surface water. Wetlands dredged.

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Photo 11 – Impacted soils in remediation footprint.



Photo 12 – Earthen berm and absorbent booms within dredged area.

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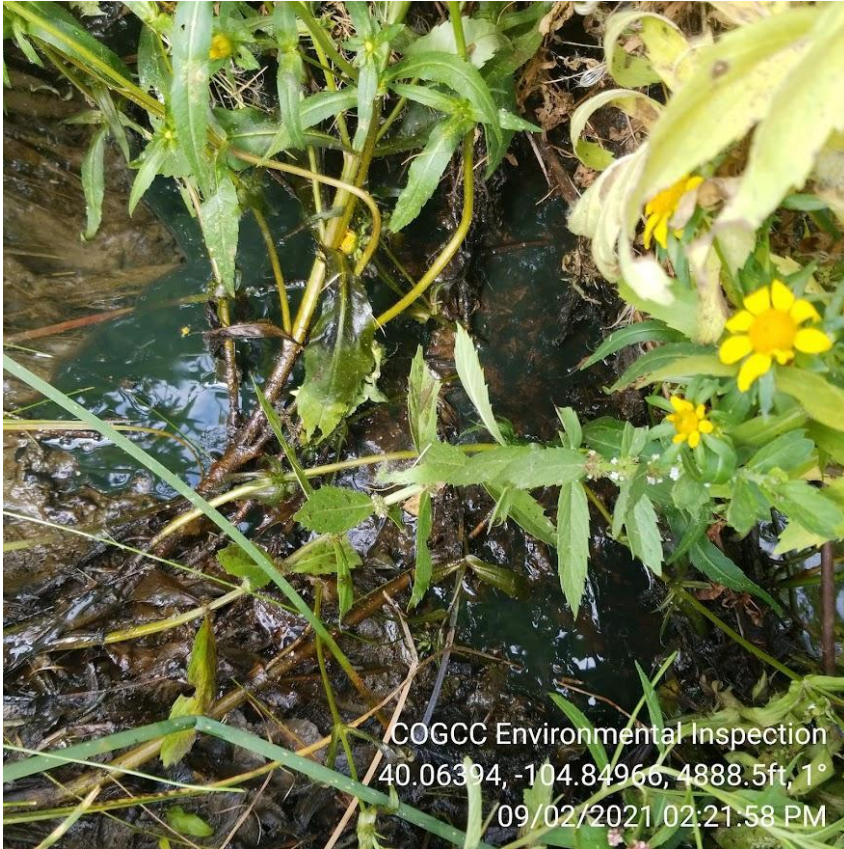


Photo 13 – Free Product observed in wetland in dredged area.

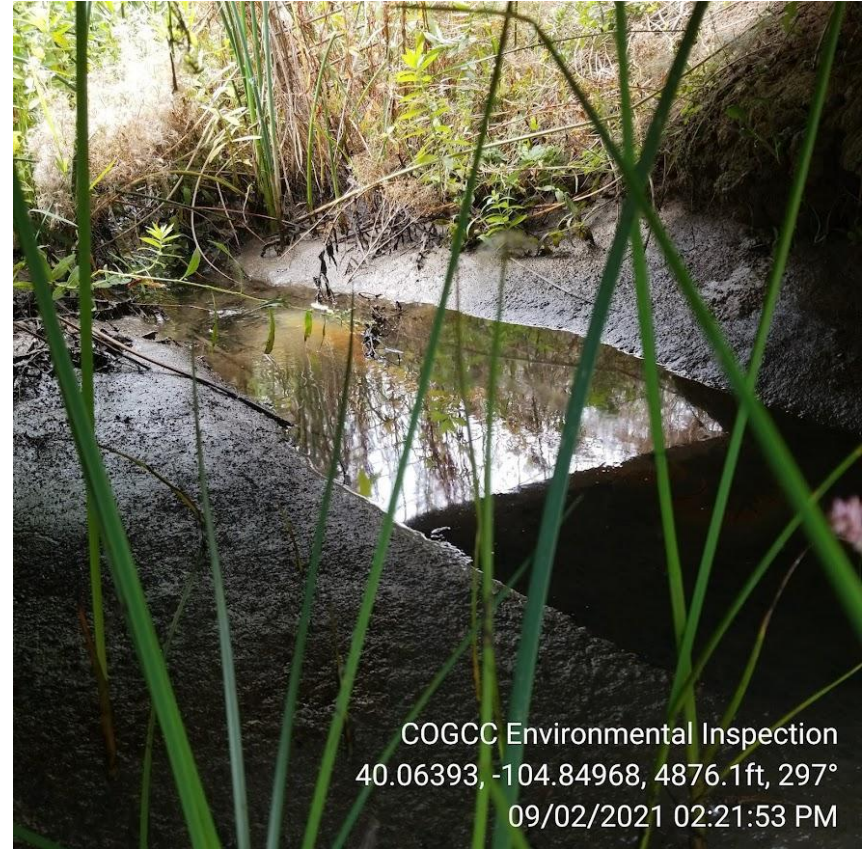


Photo 14 – Hydrocarbon sheen observed downstream from earthen dam below dredged area.

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**Photo 15 – Measurable product on wetlands
approximately 1600' downstream of spill area.**



**Photo 16 – Sheen and product on wetlands approximately
1600' downstream of spill area.**

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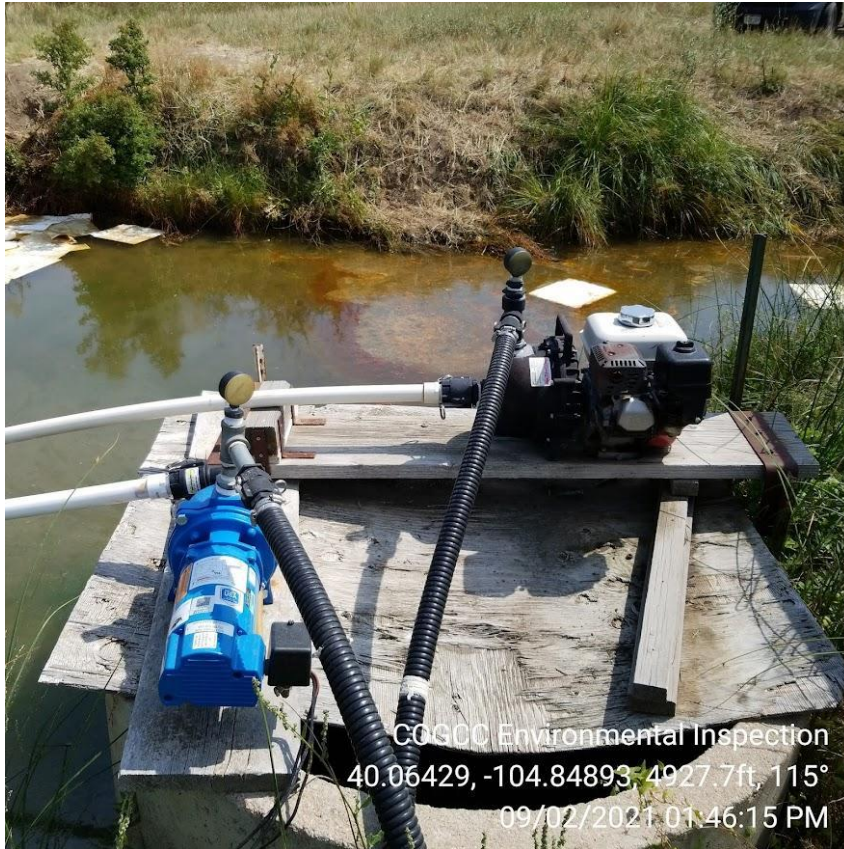


Photo 17 – Pond approximately 2,000' downstream of spill, source of irrigation water for residence to north.



Photo 18 – Pond approximately 2,000' downstream of spill, source of irrigation water for residence to north.

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**Photo 21 – Irrigation source of residence to north.
Free product in background.**



**Photo 22 – Irrigation source of residence to north. Free
product in foreground, staining observed on concrete
vault.**

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Photo 23 – Product on water looking upstream of pond.



Photo 24 – Product on water upstream of pond.

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Photo 25 – Soil staining in area adjacent where booms were placed.



Photo 26 – Irrigation source for residence showing source pipes within pond with area of visible impacts.

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Photo 27 – Incorrectly installed booms allowing impacts to migrate under wire hanger.



Photo 28 – Source pipes for irrigation water and booms.

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Photo 29 – Looking downstream from irrigation source to culvert running under County Road 23.



Photo 30 – Impacts and absorbent booms upstream of culvert running under County Road 23.

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Photo 31 – Hydrocarbon sheen visible on surface water



Photo 32 – Culvert where the unnamed stream passes under CR 23. Sample Wetland 1 (9/1/21) collected on downstream side of culvert, downstream of boom.

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Photo 33 – Culvert upstream of junction of unnamed stream and Brighton ditch (2500' from source). Booms deployed upstream of culvert. Location of sample DS-1.



Photo 34 – Culvert where the unnamed stream meets Brighton ditch. Booms deployed upstream of culvert.

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COGCC Environmental Inspection
40.06471, -104.84727, 4905.5ft, 239°
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Photo 35 – Boom downstream of where unnamed stream meets Brighton ditch. Booms are improperly secured by dirt clod.



COGCC Environmental Inspection
40.06516, -104.8465, 4902.8ft, 314°
09/02/2021 12:44:08 PM

Photo 36 – Furthest downstream boom (3,000' from source). Boom is not secured.

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Video 1 – Hydrocarbon sheen on groundwater observed moving around improperly installed boom and downstream. Video is from the source area.

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Sample Location Map

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Sample location DS-1.



Sample location Pond 1.

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Sample location DS-2.



Sample location DS-3.

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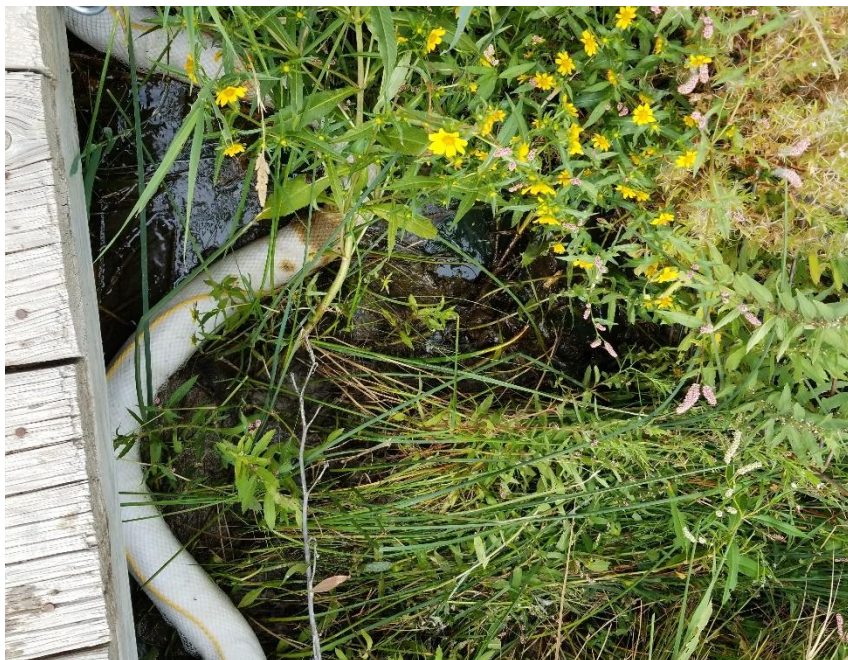


Sample location DS-4.



Sample location Pond 2.

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Sample location DS-5.



Sample location Soils 1.

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Sample location DS-6.



Sample location DS-7.