

Taproot – Big Mountain Viper Pad – Produced Water Release

Photo: 1

Description:

Initial site conditions on 9/5 looking east.



Photo: 2

Description:

Initial site conditions looking southwest.



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Photo: 3

Description:

Initial site conditions looking south.



Photo: 4

Description:

Release location.



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Photo: 5**Description:**

The outlined impacted area of the adjacent property to the southwest.

**Photo: 6****Description:**

Liquid Vac Truck Operator working to remove free liquids.



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Photo: 7

Description:

Hydro excavator working in the primary excavation area to locate the pipeline failure.




Photo: 8

Description:

Locating the failure in the pipeline.



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<p>Photo: 9</p> <p>Description:</p> <p>The failure in the pipeline. Deformed shawcore 4" pipe.</p>	
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<p>Photo: 10</p> <p>Description:</p> <p>Surface scraping of impacted area.</p>	
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Photo: 11

Description:

Surface scrapping of impacted area to remove visible wet soil.



Photo: 12

Description:

Loading impacted soil for disposal.



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Photo: 13

Description:

Primary excavation area after exposing failed pipeline. View looking north.



Photo: 14

Description:

Secondary excavation area after surface scrape looking west.



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Photo: 15

Description:

Secondary excavation area
after surface scrape,
looking east.



Photo: 16

Description:

Secondary excavation area
after surface scrape
looking north.



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<p>Photo: 17</p> <p>Description:</p> <p>Adjacent property after surface scrape.</p>	
<p>Photo: 18</p> <p>Description:</p> <p>Replaced line with stainless steel pipe. View looking north.</p>	

Photo: 19

Description:

Area of surface impacts to the east of the primary excavation. Hand digging and hydroexcavation performed until no observed impacts. View looking north.

