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**To:** [Bratcher, Mike, EMNRD](#); [Weaver, Crystal, EMNRD](#); "[stucker \(stucker@blm.gov\)](#)"  
**Cc:** [Shoemaker, Mike](#); [David Adkins](#)  
**Subject:** Devon Energy: Cotton Draw Unit #114 |30-015-37410| 2RP-4266| Remediation  
**Date:** Thursday, July 27, 2017 2:47:51 PM  
**Attachments:** [image002.png](#)  
[H701942 TALON.PDF](#)  
[20170727135925602.pdf](#)  
[20170727143335754.pdf](#)  
**Importance:** High

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Good Afternoon,

The Cotton Draw #114 release was caused by a lightning strike which destroyed the tank battery. Much like the Ore Ida that we just finished, we would like to expatiate the remediation at this site so that this facility can be reconstructed and put back into operation. We have conducted vertical and horizontal delineation at the site (Lab data and site map attached). Due to below grade lines I was not able to vertically delineate all of the sample locations within the impacted area. However we plan on collecting confirmation samples after these areas are excavated by hand. Our proposed remediation process is as follows.

(Site Ranking=0)

1. Excavate the impacted area in the vicinity of sample location S-7 to a depth of 1-foot BGS and backfill with caliche.
2. Hand excavate the impacted areas in the vicinity of sample locations S-3 and S-5 to a depth of 1-foot BGS. Collect confirmation soil samples to ensure that the soil in these areas is below RRAL's.
3. If the confirmation samples indicate that the areas in the vicinity of sample locations S-3 and S-5 are below RRAL's, these areas will be backfilled with caliche and top dressed with gravel.

Sample ID	Depth (feet)	BTEX (mg/kg)	Chlorides (mg/kg)	TPH (mg/kg) GRO	TPH (mg/kg) DRO
S-1	0	ND	352	ND	450
S-2	0	ND	48	ND	ND
S-3	0	ND	7860	ND	63.7
S-4	0	ND	560	ND	ND
S-5	0	ND	16000	ND	4050
S-6	0	ND	48.0	ND	22.0
S-7	0	ND	3040	ND	1520
S-7	1	--	960	--	--
S-7	2	--	448	--	--
S-7	3	--	80	--	--
S-8	0	ND	272	ND	10.2
S-9	0	ND	32	ND	ND
S-10	0	ND	48	ND	198

Please let me know if you have any questions or concerns.

Respectfully,

**Sheldon Hitchcock**

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