From:	Camille J Bryant
To:	Bratcher, Mike, EMNRD; "Tucker, Shelly J"; Hamlet, Robert, EMNRD
Cc:	"Joel Lowry"; Karolanne Hudgens
Subject:	[EXTERNAL] FW: nAPP2204733624 - Plains/Matador - Astro Dog 6-Inch -2/14/2022
Date:	Wednesday, May 11, 2022 7:54:03 AM
Attachments:	Astro Dog 6-Inch - Soil Chemistry Table.pdf Astro Dog 6-Inch - Photographs.pdf Astro Dog 6-Inch - Aerial.pdf Astro Dog 6-Inch - NMOCD Siting Criteria.pdf Astro Dog 6-Inch - Site and Sample Location Map.pdf

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Good morning,

Attached please find an update for the Plains/Matador Release Site NMOCD Incident # nAPP2204733624. I look forward to speaking with each of you.

Thanks,
Camille

Camille J. Bryant
HSE Remediation Supervisor
Plains All American
1106 Griffith Drive
Midland, Texas 79706
Office: 432.221.7924
Cell: 575.441.1099

From: Joel Lowry <joel@etechenv.com>
Sent: Tuesday, May 10, 2022 5:19 PM
To: Camille J Bryant <CJBryant@paalp.com>; Karolanne Hudgens <KHudgens@paalp.com>
Subject: nAPP2204733624 - Plains/Matador - Astro Dog 6-Inch -2/14/2022 [External]

Camille,

Please find attached an information packet along with several photographs and an Aerial Image that has been prepared for the Astro Dog 6-Inch Remediation Site. Remediation activities are related to the February 14 3rd party line strike on the Astro Dog 6-inch pipeline. We feel like we have made quite a bit of progress over the past couple months having excavated and removed approximately 4,000 cy of hydrocarbon impacted rock for an excavation ranging from 14-20 ft. bgs. Excavation activities continue toward the west where impacts are inferred to have traveled along Plains' ditchline; we firmly believe we are getting near the western terminus. Our biggest problem at this point is that we have chased relatively low level hydrocarbon impacts within some of the rock beds to beneath the 16-inch high pressure gas line that binds the site toward the north. Laboratory analytical results from the most recent round of sampling indicate soil samples NSW#2b and NSW #3

exhibited TPH concentrations of 886 and 341 mg/kg, respectively. The impacts appear within some of the more porous beds at approximately 12'-16' bgs; the resilient rock making up a majority of the Site is seemingly clean. We preemptively advanced a delineation trench on the north side of the subject high pressure gas line in an effort to determine if impacts migrated horizontally beneath it. During the advancement of the delineation trench soil samples were collected from 10, 15 and 20 ft. bgs and submitted to the laboratory for analysis of BTEX and TPH which were determined to be below the laboratory reporting limit.

Hydrocarbon impacts present beneath and/or adjacent to the buried high pressure pipeline are below the closure criteria for a non-sensitive Site with groundwater greater than 50 ft. bgs. Since we are in a Medium Karst Area and proximate to a Surface Drainage feature the Site is pushed into a 100 mg/kg closure; reliable depth to groundwater data in the area is limited and likely skewed since most of the water resources are adjacent to the river and our site is quite a ways a way on top of the hill. The primary issue is the continued use of the 9,000 lb pound hammer and excavator proximate to the high-pressure gas line poses a severe safety concern.

If you have any questions or ideas, please feel free to contact me by phone or email. Thanks.

Respectfully,

Joel Lowry