Venegas, Victoria, EMNRD

From: Venegas, Victoria, EMNRD
Sent: Wednesday, July 29, 2020 4:25 PM
To: 'Robbie Runnels'; Bratcher, Mike, EMNRD; Hamlet, Robert, EMNRD; Eads, Cristina, EMNRD
Cc: Mann, Ryan
Subject: NRM2004436043 ZIRCON 2 B1 EH STATE #002H @ 30-015-42028
Attachments: (C-141 Closure) NRM2004436043 ZIRCON 2 B1 EH STATE #002H @ 30-015-42028.pdf

NRM2004436043 ZIRCON 2 B1 EH STATE #002H @ 30-015-42028

Robbie,
The OCD has denied the submitted Closure Report C-141 for incident # NRM2004436043 ZIRCON 2 B1 EH STATE #002H @ 30-015-42028 for the following reasons:

- Sample points: *Wall 3 South, Wall 7 North, Wall 7 South, Wall 8 North, Wall 8 South, Wall 8 East, Wall 9 North, Wall 9 South, Wall 9 West, Wall 12 North, Wall 12 South, Wall 12 West, Wall 13 North, Wall 13 South, Wall 13 East, Wall 14 South, Wall 14 East, Wall 14 West AND Wall 15 West* are above limit. Final confirmation sidewall samples should be 600 mg/kg or background for chlorides on and off pad, regardless of the depth to water. Surface to 4' below ground surface sidewall need to comply with the strictest closure criteria limits. This is especially important for "on-pad" releases to ensure the release did not extend to the "off-pad"/pasture area. The sidewall samples below 4' would revert back to Table 1 in the Spill Rule.
- Per rule Part 29 -Closure Requirements- please, include a scaled site and sampling diagram in your next submittal.
- FYI: A New Guidance document is being implemented for Considerations for Liner Installation as Part of Spill Remediation Plan under Part 29 Releases. The variance request must include a detailed statement explaining the need for a variance and a detailed written demonstration that the variance will provide equal or better protection of fresh water, public health and the environment. Specific to a variance request to install a liner as part of a release remediation, the OCD requires the following information, documentation, and remedial efforts to be included in the variance request. If hydrocarbons are present, no liner installation as part of spill remediation will be approved. Liner installations as a method of remediation will only be considered for in situ chloride contamination. Variance requests are considered and analyzed on a case-by-case basis and on the merit of the request.

    a) Information of all watercourses and water sources, ditches, playas, springs, etc. within 500 ft of any horizontal distance of the spill
    b) Identify and map all water wells within ½ mile of the horizontal distance of the spill
    c) Depth of bottom of spill in relation to groundwater (at least 10 ft separation between vertical extent of spill and groundwater surface)
    d) Full delineation of chlorides at or to Table 1 requirements
    e) All hydrocarbons are below Table 1 requirements
    f) Excavation must be to a minimum of 8 ft prior to approval of the liner due to possible future activities in the area (i.e. pipeline installation or other activities)
    g) If the Operator cannot excavate, they must provide engineering documentation for why they cannot excavate
    h) Identify karst potential of spill-area
    i) Surface topography needs to shed water

j) Proposed liner construction, liner should be domed and overlaps area of spill so precipitation drains away to outskirts (DOMED away from spill)

The Denied C-141 can be found in the online image file. Please review and make the required correction prior to resubmitting through the fee portal.
Thank you,

Victoria Venegas
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Energy, Minerals, and Natural Resources
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