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| Minnesota Pollution Control Agency (MPCA), 520 Lafayette Road North, St. Paul, MN 55155-4194 | Monitoring results for composted petroleum-contaminated soil  Petroleum Remediation Program  Guidance document 3-20  Doc Type: Environmental Development/Guidance |

Use this form for reporting the results of follow-up soil sampling where petroleum-contaminated soil (PCS) has been composted at a compost site for a specific batch of soil. Follow-up soil sampling is required annually until all results are less than 100 mg/kg for gasoline range organics (GRO) or diesel range organics (DRO). The necessary number of samples for each sampling event is equivalent to the number of grab samples required in the [Request to compost petroleum-contaminated soil](https://www.pca.state.mn.us/sites/default/files/c-prp3-19.docx) form.

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| --- | --- | --- | --- | --- | --- |
| Compost site ID: | CS000 |  | Leak site or other site ID: | LS00 |  |

1. Background

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Compost site owner** | | | | | | | | |
| Individual or corporate name: | | | |  | | | | |
| Mailing address: | | |  | | | | | |
| City: |  | | | | State: |  | Zip code: |  |
| Email address: | |  | | | | | Phone number: |  |

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| **Compost site operator** | | | | | | | | |
| Individual or corporate name: | | | |  | | | | |
| Mailing address: | | |  | | | | | |
| City: |  | | | | State: |  | Zip code: |  |
| Email address: | |  | | | | | Phone number: |  |

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| **Responsible party information for soil batch** | | | | | | | | |
| Individual or corporate name: | | | |  | | | | |
| Mailing address: | | |  | | | | | |
| City: |  | | | | State: |  | Zip code: |  |
| Email address: | |  | | | | | Phone number: |  |

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| **Person completing application** | | | | | | | | |
| Individual or corporate name: | | | |  | | | | |
| Mailing address: | | |  | | | | | |
| City: |  | | | | State: |  | Zip code: |  |
| Email address: | |  | | | | | Phone number: |  |

1. **Sampling and analysis procedures**

Complete annual sampling and reporting within one year after the batch approval was issued. Collect and analyze samples in accordance with [Soil sample collection and analysis procedures](https://www.pca.state.mn.us/sites/default/files/c-prp4-04.pdf).

1. **Soil batch information**

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| --- | --- | --- |
| Date of compost pile construction (mm/dd/yyyy): |  |  |
| Volume of soil composted (cubic yards): |  | c/y |

1. Soil sample results

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| List the analytical results for soil samples gathered from the compost site. If additional petroleum constituents were required to be reported, list results on a separate attached table. Attach laboratory reports as [Section VII: Appendix A](#VII). |

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| **Sample ID** | **Sample date** | **GRO** | **DRO** |
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Report results in milligrams per kilogram (mg/kg). Use less than symbols to show the report level.

1. End use

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| **Double click checkboxes to select *Checked* and then select *OK*.** | | | |
| Are all analytical samples less than 100 mg/kg GRO and DRO?  Yes  No | | | |
| If no, submit this form according to [Section IX](#IX), and continue to follow the monitoring requirements described in the permit. | | | |
| If yes, select a plan for the end-use and location of the composted material following confirmation of treatment: | | | |
|  | Composted soil will be left in place at the permitted site. | | |
|  | Composted soil will be taken off site and used as unregulated fill.  Soils must have analytical results for GRO and/or DRO less than 100 mg/kg, and all volatile organic compounds (VOC) analytical results must be less than the Minnesota Pollution Control Agency’s (MPCA) [Soil reference value (SRV) spreadsheet](https://www.pca.state.mn.us/sites/default/files/c-r1-06.xlsx) and less than the Tier 1 [Soil leaching values (SLVs)](https://www.pca.state.mn.us/sites/default/files/c-r1-04.pdf) before the treatment is considered complete and the soil can be used as unregulated fill. The Permittee must also comply with requirements in MPCA guidance document [Best management practices for the offsite reuse of unregulated fill](https://www.pca.state.mn.us/sites/default/files/c-rem1-01.pdf). | | |
|  | Composted soil will be disposed of or used as daily cover at a solid waste management facility (landfill). | | |
|  | Composted soil will be re-used on site. | | |
|  | Other; explain: |  | (pending MPCA approval) |

1. Figures

|  |  |
| --- | --- |
| All figures must include a north arrow, scale, and legend. Approximate scales are not acceptable. Indicate figure is included in this report by marking the check box.  **Double click checkboxes to select *Checked* and then select *OK*.** | |
|  | Figure 1: Site map (scale: 1 inch = 50 feet), including: |
|  | 1. Borders compost site 2. Location of compost pile 3. Location where soil samples were collected |

1. Appendix

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| Attach the required or applicable appendix. Indicate appendix included in this report by marking the check box. All reproduced data must be legible.  **Double click checkboxes to select *Checked* and then select *OK*.** | | |
|  | *Appendix A* | Copies of laboratory reports and chain of custody forms |

1. Certification

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| Under [Minn. R. 7000.0300](https://www.revisor.mn.gov/rules/7000.0300/), I certify under penalty of law that I am familiar with this document and all attachments submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information I believe the submitted information is true, accurate and complete, or I may be subject to civil penalties. |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Signature: | |  | |  |  | |  | |
|  | | *(This document has been electronically signed.)* | |  |  | |  | |
| Title: |  | | |  |  |  | | |
| Date (mm/dd/yyyy): | | |  |  |  | | |  |

1. Submission of form

Submit the completed form and all attachments to the Petroleum Remediation Program via [MN.SoilTreatment.MPCA@state.mn.us](mailto:MN.SoilTreatment.MPCA@state.mn.us).