

ATTACHMENT 2-5
PRELIMINARY RAC DETERMINATION WORKSHEET

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Nebraska Department of Environmental Quality

Preliminary RAC Determination Worksheet for VCP Sites

Note: The purpose of this worksheet is to aid a user of the NDEQ VCP Guidance Document in the preliminary determination of the likely Remedial Action Class (RAC) designation a contaminated site would receive from NDEQ, based on groundwater use within the area surrounding the facility. Knowledge of the probable RAC will be necessary for a user to determine appropriate remediation goals and evaluate potential cleanup technologies where groundwater contamination is a concern. **The conclusions reached by a user of this worksheet are to be considered preliminary only and subject to a final, official RAC determination by the NDEQ as part of its review of the VCP Remedial Action Plan.** Detailed information regarding RACs may be found in Nebraska Title 118 – Ground Water Quality Standards and Use Classification, Appendix A, Step 8, pages A-4 – A-6.

RAC-1 Determination

- | | | | |
|---|-----|----|-----|
| Has a public or private drinking water supply well been impacted by contamination from the VCP site? | Yes | No | Unk |
| Is the groundwater contaminant plume within 1000 feet of a public drinking water supply well? | Yes | No | |
| Is the groundwater contaminant plume within 500 feet of a private drinking water supply well? | Yes | No | |
| Has groundwater in the area around the contaminant plume been zoned or purchased by a local government for the purpose of developing a public drinking water supply well or well field? | Yes | No | |
| Is the groundwater contaminant plume within a designated wellhead protection area, as defined by the NDEQ through the Nebraska Wellhead Protection Program? | Yes | No | |

If any of the questions above have been answered “Yes,” the release is classified as RAC-1.

RAC-3 Determination

- | | | |
|---|-----|----|
| Is groundwater within the area of the contaminant plume of poor natural or background quality compared to the numerical standards of Title 118, Chapter 4? | Yes | No |
| Is groundwater in the area of the contaminant plume found under hydrogeologic conditions that make development of a public or private drinking water supply unlikely? | Yes | No |

If any of the previous three questions have been answered “Yes,” the release may be considered RAC-3.

RAC-2 Determination

If all of the above questions have been answered “No,” then the release will likely be considered RAC-2.

PRELIMINARY RAC DETERMINATION

For the purpose of preparing the VCP site Remedial Action Plan, the groundwater contaminant plume associated with the facility under consideration is preliminarily assigned the following RAC designation (circle one):

RAC-1

RAC-2

RAC-3

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