# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** ACM SMELTER AND REFINERY **EPA ID:** MTD093291599

**GW Survey Status:** Insufficient Data to Determine Contaminated Groundwater Migration Control Status

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):** 03/31/26

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Insufficient data to determine contaminated groundwater migration under control status.

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: NO
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 5

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes → Contaminated Ground Water Migration Under Control

| Remedial Project Manager<br>**Coleman, Charles** | Date Completed<br>3/7/16 CSV 03/10/2016 |
|---|---|

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** ANACONDA ALUMINUM CO COLUMBIA FALLS REDUCTION PLANT **EPA ID:** MTD057561763

**GW Survey Status:**

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):** 12/31/2023

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: No / Insufficient Data
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 5

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 6

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes → Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Cirian, Mike** | 03/10/2016 |

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** ANACONDA CO. SMELTER **EPA ID:** MTD093291656

**GW Survey Status:** ~~Insufficient Data to Determine Contaminated Groundwater Migration Control Status~~

**Estimated Under Control Date:** 12/31/2015

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):** ~~12/31/15~~

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Change to Contaminated Ground Water Migration Under Control based on 2011 ARWWS ROD Amendment and ~~[illegible]~~ Long-Term Ground Water Management QAPP. 12/31/2015

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Insufficient Data/No

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Yes ↓

Insufficient Data

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

No → Contaminated Ground Water Migration Under Control

Yes ↓

Insufficient Data

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: ~~Insufficient Data~~ YES
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Insufficient Data

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer: YES
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Insufficient Data

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer: YES
Listing Reference Documents: 2011 ARWWS ROD Amendment

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Insufficient Data

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer: YES
Listing Reference Documents: Long-Term GW QAPP

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Contaminated Ground Water Migration Under Control

Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

| Remedial Project Manager | Date Completed |
|---|---|
| Coleman, Charles | 3/9/16 |

CJV 03/10/2016

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** BARKER HUGHESVILLE MINING DISTRICT **EPA ID:** MT6122307485

**GW Survey Status:** Contaminated Ground Water Migration Not Under Control

**Estimated Under Control Date:** ~~09/30/20~~ 12/31/29

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Changed as a result of planning future activities in CERCLIS. New dates reflects completion of remedial action at the site.
Groundwater is known to exceed ecological risk-based levels (in Galena Creek drainage and upper Dry Fork drainage) and it migrates to surface water.

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Contaminated Ground Water Migration Under Control

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: ~~No~~ Yes
Listing Reference Documents: Draft RI Report

Insufficient Data → Contaminated Ground Water Migration Under Control

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer: Yes
Listing Reference Documents: Draft RI Report

Insufficient Data → Contaminated Ground Water Migration Under Control

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer: No
Listing Reference Documents: Draft RI Report

Insufficient Data → Contaminated Ground Water Migration Under Control

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Listing Reference Documents:

Insufficient Data → Contaminated Ground Water Migration Under Control

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Hoogerheide, Roger** | 3/8/16 |

CSW 03/10/2016

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** BASIN MINING AREA **EPA ID:** MTD982572562

**GW Survey Status:** Contaminated Ground Water Migration Not Under Control

**Estimated Under Control Date:** 06/30/2022

**Estimated Date for Sufficient Information to Make a GM Determination (If GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Changed as a result of a data quality review and reassessment completed on 11/10/05 by the site RPM and the Montana Office Director.

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: No
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes → Contaminated Ground Water Migration Under Control

| Remedial Project Manager<br>**Edwards, Kristine** | Date Completed<br>3/4/16 |
|---|---|

03/10/2016

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** BURLINGTON NORTHERN LIVINGSTON SHOP COMPLEX **EPA ID:** MTD986066025

**GW Survey Status:** Contaminated Ground Water Migration Under Control

**Estimated Under Control Date:** 9/30/21

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

No → Contaminated Ground Water Migration Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: Yes
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer: Yes
Listing Reference Documents:

No → Step 5

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer: Yes
Listing Reference Documents:

No → Step 6

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer: Yes
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Yes → Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Hoogerheide, Roger** | 3/8/16 |

JSV 03/10/2016

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** CARPENTER SNOW CREEK MINING DISTRICT **EPA ID:** MT0001096353

**GW Survey Status:** Contaminated Ground Water Migration Not Under Control

**Estimated Under Control Date:** ~~12/31/21~~ 12/31/26

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Changed as a result of planning future activities in CERCLIS. New date reflects completion of remedial action at the site. Ground water is known to exceed ecological risk-based levels (in Carpenter Creek drainage) and it migrates to surface water.

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: Yes
Listing Reference Documents: Draft RI Report

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer: Yes
Listing Reference Documents: Draft RI Report

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 6

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer: No
Listing Reference Documents: Draft RI Report

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes → Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Hoogerheide, Roger** | 3/8/16 |

03/10/2016

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** EAST HELENA SITE **EPA ID:** MTD006230346

**GW Survey Status:** Contaminated Ground Water Migration Under Control

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Groundwater migration has transferred to RCRA program. Per Rich Norris email dated 11/30/06.

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer: ~~Yes~~ No
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 6

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes → Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Burns, Betsy** | 3/9/2016 03/10/2016 |

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** FLAT CREEK IMM **EPA ID:** MT0012694970

**GW Survey Status:** Insufficient Data to Determine Contaminated Groundwater Migration Control Status

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):** 12/31/16 2022

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Insufficient Data/No

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Insufficient Data/No
Listing Reference Documents:

Yes ↓

Insufficient Data

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer:
Listing Reference Documents:

No → Contaminated Ground Water Migration Under Control

Yes ↓

Insufficient Data

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer:
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Insufficient Data

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer:
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Insufficient Data

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer:
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Insufficient Data

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Contaminated Ground Water Migration Under Control

Contaminated Ground Water Migration Not Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Edwards, Kristine** | 3/4/16 03/10/2016 |

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** IDAHO POLE CO. **EPA ID:** MTD006232276

**GW Survey Status:** Contaminated Ground Water Migration Under Control

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (If GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer: No
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 5

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes → Contaminated Ground Water Migration Under Control

| Remedial Project Manager<br>**Hoogerheide, Roger** | Date Completed 3/8/16 |
|---|---|

No change 02/10/2016

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** LOCKWOOD SOLVENT GROUND WATER PLUME **EPA ID:** MT0007623052

**GW Survey Status:** Contaminated Ground Water Migration Under Control

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Changed as a result of a data quality review and reassessment completed on 11/10/05 by the site RPM and the Montana Office Director.

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 5

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Hoogerheide, Roger** | 3/8/16 |

No change

03/10/2016

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** MILLTOWN RESERVOIR SEDIMENTS **EPA ID:** MTD980717565

**GW Survey Status:** Contaminated Ground Water Migration Under Control

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (If GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Changed as a result of a data quality review and reassessment completed on 11/10/05 by the site RPM and the Montana Office Director.

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 5

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 6

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Sparks, Sara** | 03/10/2016 |

3/10/2016

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** MONTANA POLE AND TREATING **EPA ID:** MTD006230635

**GW Survey Status:** Contaminated Ground Water Migration Under Control

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

**Step 1.** Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents: June 2010 5 Year Review + subsequent progress reports

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

**Step 2.** Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

**Step 3.** Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

**Step 4.** Does "contaminated" ground water discharge into surface water bodies?
Answer: No
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 5

Yes ↓

**Step 5.** Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

**Step 6.** Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| Nikia Greene | 3-8-16 |

3/10/2016

No change.

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** MOUAT INDUSTRIES **EPA ID:** MTD021997689

**GW Survey Status:** Contaminated Ground Water Migration Under Control

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: No
Listing Reference Documents:

No → Contaminated Ground Water Migration Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer:
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer:
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer:
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes → Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Hoogerheide, Roger** | 3/8/16 |

No change

03/10/2016

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** SILVER BOW CREEK/BUTTE AREA **EPA ID:** MTD980502777

**GW Survey Status:** Contaminated Ground Water Migration Under Control

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Changed as a result of a data quality review and reassessment completed on 11/10/05 by the site RPM and the Montana Office Director.

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

No → Contaminated Ground Water Migration Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: Yes
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer: Yes
Listing Reference Documents:

No → Step 6

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer: Yes
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer: Yes
Listing Reference Documents:

No → Contaminated Ground Water Migration Not Under Control

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Greene, Nikia** | 3-8-16 |

No change 3/10/2016

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** SMURFIT-STONE MILL FRENCHTOWN **EPA ID:** MTN000802850

**GW Survey Status:**

**Estimated Under Control Date:**

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):** 12/31/2021

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: No
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Step 5

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes → Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **Sparks, Sara** | 03/10/2016 3/10/2016 |

# Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

**Site Name:** UPPER TENMILE CREEK MINING AREA **EPA ID:** MTSFN7578012

**GW Survey Status:** Contaminated Ground Water Migration Not Under Control

**Estimated Under Control Date:** 09/30/27

**Estimated Date for Sufficient Information to Make a GM Determination (if GMID):**

**Justification Text:** If site status has changed. Please enter a justification as to why the status has changed:

~~Changed as a result of a data quality review and reassessment completed on 11/10/05 by the site RPM and the Montana Office Director.~~ Arsenic levels significantly above MCL found in GW monitoring wells used to identify impact coming from little lily mine. Direction of flow is towards Elmini where the majority of wells have Arsenic above MCL. Surface water measurements show high concentrations of Arsenic as well

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?
Answer: Yes

No → Stop, you do not need to complete the GM EI

Yes ↓

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?
Answer: Yes
Listing Reference Documents:

Insufficient Data/No → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Yes ↓

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?
Answer: Yes
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Under Control

Yes ↓

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?
Answer: No
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 4. Does "contaminated" ground water discharge into surface water bodies?
Answer: YES
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.
Answer: NO
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Step 6. Will ground water monitoring/measurement data ( and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?
Answer:
Listing Reference Documents:

Insufficient Data → Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

No → Contaminated Ground Water Migration Not Under Control

Yes ↓

Contaminated Ground Water Migration Under Control

| Remedial Project Manager | Date Completed |
|---|---|
| **McAdams, Tillman** | MARCH 8, 2016 |

JKV 08/10/2016