

# Spill Prevention and Response Plan

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**Coulee Frac Sand, LLC – Coulee Mine**

**Address: 9240 County Rd. V Chilli, WI 54420**

**Facility Phone (608) 881 - 3100**

**Types of Work or Hazardous Substances Used:** See Attached list of Hazardous Materials

This spill plan is designed to handle the requirements for this system and associated hazardous substances. The spill plan should be updated if the hazardous substance inventory changes.

## Spill Prevention

The following are general requirements for any hazardous substances stored or used at this facility.

### General Requirements

- Ensure all hazardous substances are properly labeled.
- Store, dispense, and/or use hazardous substances in a way that prevents releases.
- Provide secondary containment when storing hazardous substances in bulk quantities (~55 g).
- Maintain good housekeeping practices for all chemical materials at the facility.
- Routine/Daily checks in the hazardous substance storage area to be performed by
  - a. James Bogart
- Monthly inspections of the hazardous substance storage area, secondary containment, and annular space (interior cavity of double wall tank) on any Above-ground Storage Tanks (AST) or Underground Storage Tanks (UST) need to be logged in this plan. See Appendix A - Inspection Log.

### Facility Specific Requirements

- \_\_\_\_\_
- \_\_\_\_\_

## Spill Containment

The general spill response procedure at this facility is to stop the source of the spill, contain any spilled material and clean up the spill in a timely manner to prevent accidental injury or other damage.

Small spills will be contained by site personnel if they are able to do so without risking injury. Spill kits are located at the following location(s). See attached site map:

## Emergency Procedures:

- Immediately call **911** in the event of injury, fire or potential fire, or spill of a hazardous substance that gives rise to an emergency situation.
  - If a spill has occurred, contact the following persons immediately:

<b>James Bogart</b> _____ (Primary)	(608) 881 - 3100
Doug Schmidt _____ (Secondary)	(608) 498 - 2424
James Bogart _____ (After Hours Emergency Contact)	(608) 881 - 3100
  - **In the event of a large spill, a properly trained employee should:**
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- Assess the area for any immediate dangers to health or safety (i.e. a wrecked car on fire). If any dangers are present, move away from the area, **call 911**.
- Notify the primary and/or secondary contact from the list above and then continue your spill response. The primary contact should assess additional notification requirements.
- Retrieve the spill kit from the closest location.
- Assess the size of the leak and any immediate threat of the spill reaching the floor/storm drains or permeable surfaces in the area. If there is an immediate threat and there are no safety concerns, then attempt to block the spill from coming in contact with the floor/storm drain or permeable surface. If no drain covers are available, then try to use absorbent (cat litter) and/or sock booms or rags to stop the spill from getting into the drains or to any permeable surfaces.
- If the spill can be contained with absorbent booms, deploy them around the spill. Use the booms to direct the spill away from any immediate hazards (i.e. a wrecked car).
- If there is no immediate threat to the floor/storm drains or permeable surfaces, or after controlling the spill, try to plug or stop the leak, if possible. If applicable, put on protective gear (gloves, goggles, protective clothing, etc.) and plug the leak.
- Once the spill has been contained and any immediate threat to storm drains or permeable surfaces has been minimized, contact the spill cleanup contractor and dispatch them to clean up the spill or commence spill cleanup procedures.

Spill cleanup for large spills should be handled by the Spill Cleanup Contractor

**WRR Environmental Services**

Eau Claire, WI 54701

Tel +1 (800) 727-8760 \_\_\_\_\_

## Spill Reporting

If a hazardous substance spill exceeds 25 gallons or if any amount has been released to soil, surface water, or storm drains, notify the following agencies:

National Response Center (NRC)      (800) 424-8802

Wisconsin Response Center              (800) 943-0003



## HAZARDOUS CHEMICALS LIST

Coulee Frac Sand Hazard Communication Program Plan

Chemical Name	CAS number(s)	Manufacturer	Location	Usage
FORMULA 409®	68424-85-1, 1569-01-3, 141-43-5	The Clorox Company	PineCrest mine shop trailer	12 ounces per year
Armor All	8042-47-5	Armor All/STP Products	PineCrest mine shop trailer	12 ounces per year
Bobcat Hydrostatic Fluid	64742-54-7, 64742-55-8, 64741-88-4, 64742-53-6, 64741-97-5, 64742-57-0, 50867-55-5	Bacharach, Inc.	PineCrest mine shop trailer	1 gallon per year
Cat ELC (Extended Life Coolant) Extender	64665-57-2, 7632-00-0	Chevron Products Company	PineCrest mine shop trailer	1 gallon per year
Spray White Marking	68476-85-7, 1317-65-3, 64742-89-8, 50867-55-5, 108-88-3, 1330-20-7, 13463-67-7, 108-38-3, 100-41-4, 106-42-3, 95-47-6	ROC Limited Partnership	PineCrest mine shop trailer	16 ounces per year
Mobilgrease XHO CAS	68457-79-4	Exxonmobil Oil Corporation	PineCrest mine shop trailer	14 ounces/tube per year
Gasoil Thread Sealant	67-63-0, 111-76-2	Federal Process Corporatio	PineCrest mine shop trailer	0.5 pint per year
threadlocker blue 242	NA	loctite	pineCrest mine shop trailer	.10 oz. per year
Indol EH ISO 46 Industrial Hydraulic Fluid	128-39-2	CHS Inc.	PineCrest mine shop trailer	1 gallon per year
Loggers Choice Chain Oil	64741-88-4, 64742-01-4, 64742-54-7, 64742-65-0, 64742-4 7-8, 8042-47-5, 64742-46-7, 64742-52-5, 64742-54-7, 72623-84-8, 72623-85-9, 72623-86-0	Pinnacle Oil, Inc	PineCrest mine shop trailer	1 quart per year
Mobil 1 Grease	68649-42-3, 68649-42-3, 122-39-4, 7723-14-0, 68649-42-3	Exxon Mobil	PineCrest mine shop trailer	14 ounces/tube per year
Mobilux EP 2	61188-14-5, 68649-42-3	Exxon Mobil	PineCrest mine shop trailer	14 oz/tube per year
Mystik® JT-7 Multi-Purpose Gear Lubricant, SAE 80	NA	CITGO Petroleum Corporation	PineCrest mine shop trailer	1 quart per year
Mystik® JT6® HiTemp MultiPurpose Grease	NA	CITGO Petroleum Corporation	PineCrest mine shop trailer	14 oz/tube per year
Mystik® JT-7® Extended Range Synthetic Gear Lub	NA	CITGO Petroleum Corporation	PineCrest mine shop trailer	1 quart per year
Orange Goop Liquid	NA	Critzas Industries, Inc	PineCrest mine shop trailer	2 quarts per year
PB Penetrating Catalyst	39464-64-7, 64742-94-5, 64742-52-5, 64742-47-8, 124-38-9, 64742-65-0	PB Penetrating Catalyst	PineCrest mine shop trailer	14 ounces per year
Rust-oleum Marking Paint	68476-86-8, 67-64-1, 108-88-3, 64742-89-8, 1330-20-7, 13463-67-7, 123-864, 6474248-9, 8032-324, 14807-96-6, 100-414	Rust-oleum Corporation	PineCrest mine shop trailer	14 ounces per year
SuperClean Degreaser	127087-87-0, 64-02-8, 6834-92-0, 1310-73-2, 111-76-2	SuperClean Brands, LLC	PineCrest mine shop trailer	1 gallon per year
WD-40	64742-47-8, 64742-58-1, 64742-53-6, 64742-56-9, 64742-65-0, 64742-47-8	WD-40 Company	PineCrest mine shop trailer	14 ounces per year
Windex Original Glass Cleaner	NA	S.C. Johnson and Son Location	PineCrest mine shop trailer	14 ounces per year
SILICONE LUBRICANT	63148-62-9, 64741-65-7	BLASTER	PineCrest mine shop trailer	.10 OZ. PER YEAR
Liquid tape	64742-89-8, 1330-20-7, 78-93-3, 100-41-4, 1333-86-4	Gardner Bender	PineCrest mine shop trailer	1/8 oz. year

## HAZARDOUS CHEMICALS LIST

Coulee Frac Sand Hazard Communication Program Plan

Chemical Name	CAS number(s)	Manufacturer	Location	Usage
Johnsen's Premium Starting Fluid	60-29-7, 142-82-5, 74-89-6, 75-28-5, 124-38-9, 64742-52-5	Johnsen's	PineCrest mine shop trailer	1 oz. per year
3-IN-One Mult-Purpose Oil	64742-52-5, 64742-47-8	WD-40 Company	PineCrest mine shop trailer	1 oz. per year
Deep Crystal Car Wash	NA	Meguiar's	PineCrest mine shop trailer	2 oz. per year
REMA GOO	9082-00-2 446246-25-9 25322-69-4 5124-30-1 110-63-4 24801-88-5 1477-55-0	Rema Tip Top	PineCrest mine shop trailer	13.5 oz. per year
Blaster Graphite Dry Lubricant	9002-84-0, 124-38-9, 68410-97-9	B'LASTER CORPORATION	PineCrest mine shop trailer	2 oz. per year
Wasp & hornet killer	64742-47-B, 67-63-D, 124-38-9	ACE	PineCrest mine shop trailer	4 oz. per year
contact cement	na	permatex	PineCrest mine shop trailer	.5 oz. per year
Di-Electric grease	na	CRC	PineCrest mine shop trailer	.2 oz. per year
Diesel Treat	64742-46-7, 8052-41-3, 64742-47-8,	howes lubricator	PineCrest mine shop trailer	3/4 of a gal. no longer in use
diesel fuel supplement	trade secret, 91-20-3	power service	PineCrest mine shop trailer	96 fl. oz per year
diesel +911	100-41-4, 78-92-2, 71-36-3	power service	PineCrest mine shop trailer	80 fl. oz have not used yet
GUNK engine degreaser	64742-94-5,95-63-6,111-76-2,124-38-9,91-20-3,68476-34-6,57171-56-9,1330-20-7	GUNK	PineCrest mine shop trailer	5 oz. per year
carb-r-clean	67-56-1, 108-88-3, 67-64-1	crc	PineCrest mine shop	36 fl. oz. per year
truck bed liner	1330-20-7	herculiner	PineCrest mine shop	5 oz. fl. per year
soldering gas	74-98-6, 106-97-8	sievert	PineCrest mine shop	1 oz. fl. per year
acetone	67-64-1	klean strip	PineCrest mine shop	4 fl. oz. per year
motor treatment	64742-54-7 ,64742-49-0 ,67-63-0	sea foam	PineCrest mine shop	16 fl. oz. per year
carpet adhesive	6472-52-5 ,1332-58-7 ,64742-89-8,14808-60-7 ,58-13-6	henry	PineCrest mine shop	14 oz. per year
Belt Dressing	110-54-3 , 74-98-6 , 106-97-8	Prestone	PineCrest mine shop	2 oz as needed
glow in the dark paint	25265-77-4	rust-oleum	PineCrest mine shop	5 oz. per year
flex seal	8052-42-4 ,7783-06-4	flex seal	PineCrest mine shop	3 ox. per year
anti freeze	107-21-1,111-46-6, 7758-11-4, 7732-18-5,	farm n fleet	PineCrest mine shop	gal 2x a year



# Spill Prevention and Response Plan

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## **Plan Management**

The primary contact or designee shall administer this plan and will be responsible for updating and including any required documentation.

## **Training**

All personnel who may respond to any spill, need to be trained on the contents and procedures in this plan. Trained personnel will add their names and dates of training to the Training Log (see Appendix D). Only persons trained on this plan shall respond to a spill. If you are not trained and witness a spill, call or notify the primary and secondary contacts listed on Page 2 of this plan.

## **Spill Tracking**

Any spills must be entered into the Spill Log (see Appendix C). If a large catastrophic spill occurs, attach additional pages to describe the event. Include known or possible causes, areas affected, and effectiveness of the cleanup. Include a review of the cleanup contractor and their procedures. For small spills, it is sufficient to fill out the Spill Log, and to take measures to prevent a repeat occurrence.

## **Facility Inspections**

Routine inspections will be conducted daily during regular business hours. Daily inspections will include, at a minimum, a visual inspection of the hazardous substances containers and the area immediately adjacent to it for signs of a spill or leak. These inspections do not need to be logged unless a spill or leak is detected. Ideally, these inspections will be conducted by a manager or by regular employees.

Full site inspections will be conducted monthly by the primary contact or designee and, at a minimum, will include those items on the inspection form in Appendix B. If any item on the inspection form is found unacceptable, the inspection form will be attached to this plan. If all items are deemed acceptable; it is sufficient for the inspector to log only the inspection and the results in the Inspection Log (Appendix A).

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# Spill Prevention and Response Plan

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## Appendix A - Inspection Log

A = Acceptable U = Unacceptable

If any items are unacceptable attach Inspection Form with details.

Inspection Month	Year	Inspector Initials	Lids and Labels?	Evidence Of Spills?	Alarms or Sensor?	New Product?	Spill Kit Complete?	Storm Drains?	Items Fixed?
January									
February									
March									
April									
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# Spill Prevention and Response Plan

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## Appendix B Inspection Form

Acceptable    Unacceptable

- |                          |                          |  |
|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Lids and Labels?</b><br>Have all lids and caps been returned to their proper place?<br>Do all the containers still have labels?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Evidence of Spills?</b><br>Is there any indication that a spill might have occurred? If so, was the spill properly cleaned up? Was there any spill kit materials used? Was the Spill Log filled out for that incident? Any housekeeping issues?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <b><i>For Tanks with alarm systems only</i> Any Alarms or Sensor issues?</b><br>Have there been any alarm conditions in the past month? If alarms have occurred, has the monitoring system been serviced by the manufacturer or an authorized service company? Is the system up and working at this time? Is the sensor working? Did you conduct a test of the alarm and the sensor? When was the last time the sensor was serviced? |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>New Hazardous Substances?</b><br>Have any new chemical products been purchased? Do you have the MSDS for new products? Have you assessed how to store and handle this new product safely? Have you added the new hazardous substance to the inventory sheet in this plan? Is the container properly labeled?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Spill Kit Complete?</b><br>Have any items been used from the spill kit? If items are missing, is there an associated entry in the Spill Log? Are there any items missing that are currently on order? Is the spill kit stored where it is supposed to be stored? Is there a sufficient supply of daily cleanup materials?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Storm Drains?</b><br>Is there a buildup of sediment in the drain traps? Is there any evidence of drain clogging? Are the drain filters still intact? Any need replacing? Have they been replaced?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Items Fixed?</b><br>Have all deficiencies previously noted been fixed or made acceptable?   |

List any issues, deficiencies, or failures in detail:

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# Spill Prevention and Response Plan

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**Coulee Frac Sand, LLC – Pinecrest Mine**

**Address 11702 Elker Road, Merrilan, WI 54754**

**Facility Phone (608) 881 - 3100**

**Types of Work or Hazardous Substances Used:** See Attached list of Hazardous Materials

This spill plan is designed to handle the requirements for this system and associated hazardous substances. The spill plan should be updated if the hazardous substance inventory changes.

## Spill Prevention

The following are general requirements for any hazardous substances stored or used at this facility.

### General Requirements

- Ensure all hazardous substances are properly labeled.
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- Provide secondary containment when storing hazardous substances in bulk quantities (~55 g).
- Maintain good housekeeping practices for all chemical materials at the facility.
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  - a. James Bogart
- Monthly inspections of the hazardous substance storage area, secondary containment, and annular space (interior cavity of double wall tank) on any Above-ground Storage Tanks (AST) or Underground Storage Tanks (UST) need to be logged in this plan. See Appendix A - Inspection Log.

### Facility Specific Requirements

- \_\_\_\_\_
- \_\_\_\_\_

## Spill Containment

The general spill response procedure at this facility is to stop the source of the spill, contain any spilled material and clean up the spill in a timely manner to prevent accidental injury or other damage.

Small spills will be contained by site personnel if they are able to do so without risking injury. Spill kits are located at the following location(s). See attached site map:

## Emergency Procedures:

- Immediately call **911** in the event of injury, fire or potential fire, or spill of a hazardous substance that gives rise to an emergency situation.
  - If a spill has occurred, contact the following persons immediately:

<b>James Bogart</b> _____ (Primary)	(608) 881 - 3100
Doug Schmidt _____ (Secondary)	(608) 498 - 2424
James Bogart _____ (After Hours Emergency Contact)	(608) 881 - 3100
  - **In the event of a large spill, a properly trained employee should:**
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# Spill Prevention and Response Plan

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- Assess the area for any immediate dangers to health or safety (i.e. a wrecked car on fire). If any dangers are present, move away from the area, **call 911**.
- Notify the primary and/or secondary contact from the list above and then continue your spill response. The primary contact should assess additional notification requirements.
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- If the spill can be contained with absorbent booms, deploy them around the spill. Use the booms to direct the spill away from any immediate hazards (i.e. a wrecked car).
- If there is no immediate threat to the floor/storm drains or permeable surfaces, or after controlling the spill, try to plug or stop the leak, if possible. If applicable, put on protective gear (gloves, goggles, protective clothing, etc.) and plug the leak.
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Spill cleanup for large spills should be handled by the Spill Cleanup Contractor

**WRR Environmental Services**

Eau Claire, WI 54701

Tel +1 (800) 727-8760 \_\_\_\_\_

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# Spill Prevention and Response Plan

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## **Training**

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## **Spill Tracking**

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# Spill Prevention and Response Plan

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# Spill Prevention and Response Plan

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## Appendix B Inspection Form

Acceptable    Unacceptable

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|--------------------------|--------------------------|--|
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Lids and Labels?</b><br>Have all lids and caps been returned to their proper place?<br>Do all the containers still have labels?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Evidence of Spills?</b><br>Is there any indication that a spill might have occurred? If so, was the spill properly cleaned up? Was there any spill kit materials used? Was the Spill Log filled out for that incident? Any housekeeping issues?   |
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| <input type="checkbox"/> | <input type="checkbox"/> | <b>New Hazardous Substances?</b><br>Have any new chemical products been purchased? Do you have the MSDS for new products? Have you assessed how to store and handle this new product safely? Have you added the new hazardous substance to the inventory sheet in this plan? Is the container properly labeled?  |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Spill Kit Complete?</b><br>Have any items been used from the spill kit? If items are missing, is there an associated entry in the Spill Log? Are there any items missing that are currently on order? Is the spill kit stored where it is supposed to be stored? Is there a sufficient supply of daily cleanup materials?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Storm Drains?</b><br>Is there a buildup of sediment in the drain traps? Is there any evidence of drain clogging? Are the drain filters still intact? Any need replacing? Have they been replaced?   |
| <input type="checkbox"/> | <input type="checkbox"/> | <b>Items Fixed?</b><br>Have all deficiencies previously noted been fixed or made acceptable?   |

List any issues, deficiencies, or failures in detail:

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# Spill Prevention and Response Plan

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## Site Map

Note locations of spill kits, inside floor drains, storm drains, and hazardous substance storage areas.