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Environmental Health
and Public Safety

Via certified mail 7003 3110 0001 4444 2981

10 January 2022

Christina Halloran, Enforcement Case Manager
Office of Land Quality
Indiana Department of Environmental Management
100 North Senate Avenue
Indianapolis, IN 46204-2251

RE: Purdue University ASREC Case No. 2021-27939-C

Dear Ms. Halloran,

Please find enclosed Items #3 (SOP) and 4 (penalty) from the II. Order section of the Agreed Order approved by IDEM 10 December 2021 for the above referenced case.

If you have any questions about this submittal, please contact me at 765-496-6405 or via email at rmridgway@purdue.edu.

Sincerely,

Robin Mills Ridgway, PhD, PE
Director of Environmental Health and Safety Regulatory Compliance

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JAN 14 2022

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ENFORCEMENT

AP REMITTANCE ADVICE

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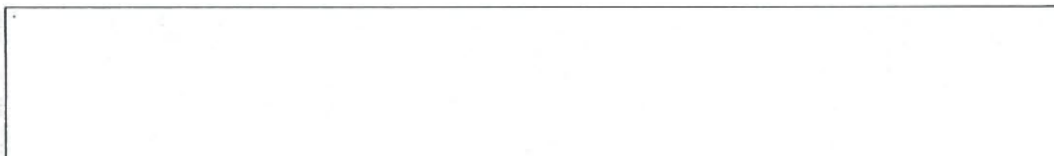
01/10/2022

11048295

West Lafayette, Indiana 47907

Vendor: 100003526

INV-REF DATE	INVOICE NUMBER / REFERENCE	DOCUMENT NUMBER	GROSS	DISCOUNT	WITHHOLDING TAX	NET
06/01/21	CASE 201-2739-C / *Payment Environmental Management Special Fund	1902026414	4,250.00	0.00	0.00	4,250.00
TOTAL			4,250.00	0.00	0.00	4,250.00



For questions please call (765) 494-7370

REFER TO CHECK AND DOCUMENT NUMBER WHEN CORRESPONDING IN REGARD TO THIS PAYMENT

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West Lafayette, Indiana

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707592861

FOUR THOUSAND TWO HUNDRED FIFTY DOLLARS AND ZERO CENTS

PAY TO THE
ORDER OF IN Dept of Environmental Mngmt
Environmental Mngmt Special Fund
IDEM Office of Legal Counsel
100 N Senate Ave IGCN Rm N1307
Indianapolis IN 46204

DATE

01/10/2022

AMOUNT

\$4,250.00

JP Morgan Chase Bank, N.A.
Chicago, Illinois
Payable Through Chase Bank U.S. N.A. Eviction, Illinois

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Standard Operating Procedure for Flushing Center Pivots

Prior to the start of application in the spring, the center pivots need to be flushed with lagoon water before attaching the nozzles to remove sediment that will minimize the plugging of nozzles upon startup.

The procedure for flushing when using the Bambauer Self – Priming Pump is as follows:

1. Remove the sand trap cap at the end of the center pivot.
2. Securely attach hose from ground riser to the pivot inlet port.

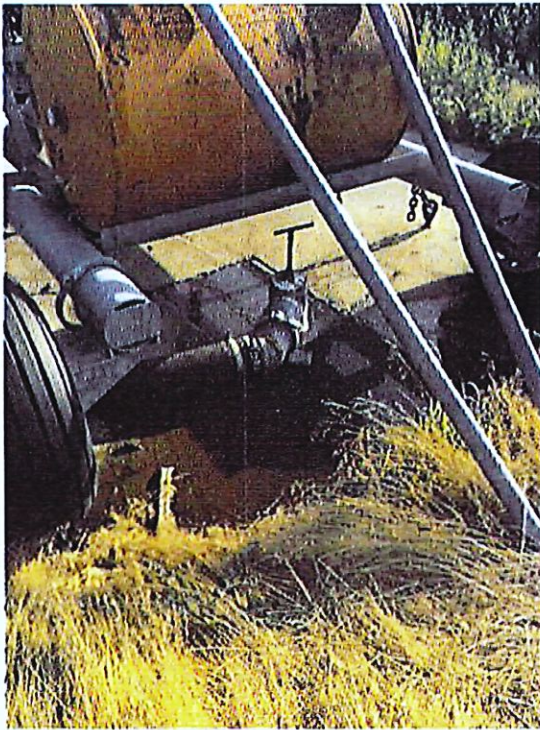


Photo of ground riser at the pivot inlet

3. Slowly open ground riser valve at pivot
4. At the lagoon pump, attach hose from pump discharge to ground riser going to pivot.
5. Attach hose from ground riser coming from the lagoon to suction side of the pump.
6. On top of lagoon bank, attach the suction pipe to the pump out connector.



Photo of pump out connector at the top of the lagoon bank

7. Start pump at low idle and insure that it is primed.
8. Increase engine speed to no more than 800 rpm.
9. When lagoon water is observed coming out of pivot sand trap, shut the pump down.
10. To ensure that no back siphoning will occur from the lagoon while pump is off, disconnect the suction pipe in the lagoon and place a cap on the outlet port. For added safety, close the ground riser valve at the pivot as well.

The procedure for flushing when using the Bambauer Boom Pump is as follows:

1. Follow steps 1 through 10 listed above.
2. To ensure that no back siphoning will occur from the lagoon while pump is off, raise the Doda priming pump out of the lagoon water at least 2 feet. For added safety, close the ground riser at the pivot as well.

Safety Training Sign In Sheet

Date: 6-29-2021

Training Title: SOP Center Pivot Flush Location: ASREC

Department/School: Animal Science Trainer: Jeff Fields

[illegible]