

APPLICATION TO OPERATE A FACILITY
OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS RESOURCES MANAGEMENT
2045 MORSE ROAD, BUILDING F-2
COLUMBUS, OHIO 43229-6693
(614) 265-6922

| | | |
|-----------|--|--|
| 1. | Name of Applicant: <u>Dow Cameron Oil & Gas</u> | Phone #: <u>740-452-1568</u> |
| | Address: <u>5555 Eden Park Drive Zanesville Ohio 43701</u> | |
| | Date: <u>12/20/2013</u> | eMail Address: <u>k.shatto@yahoo.com</u> |
| | For an Order or a Permit to Operate: <input type="checkbox"/> Existing Facility <input checked="" type="checkbox"/> New Facility | |
| 2. | PURPOSE OF FACILITY: <input checked="" type="checkbox"/> Storage <input checked="" type="checkbox"/> Recycling <input checked="" type="checkbox"/> Treatment (Check all that Apply) <input checked="" type="checkbox"/> Processing <input type="checkbox"/> Disposal | |
| 3. | TYPE OF MATERIAL: <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Drill Cuttings <input type="checkbox"/> Drilling Mud <input checked="" type="checkbox"/> Other Waste Substance (explain) <u>Containment & Flowback</u> | |
| 4. | If a Business Entity, list the statutory agent and include a certified copy of their appointment: Name: _____ Address: _____ | |
| 5. | Engineer of Record: Name: <u>Linn Engineering</u> Address: <u>534 Market Street Zanesville Ohio</u> Ohio Professional Engineering License Number: <u>48654</u> | |
| 6. | Address of Facility: Address: <u>1470 Adamsville Road Zanesville Ohio</u> County: <u>Muskingum</u> Township: <u>Washington</u> Municipal Corporation: _____ Latitude: <u>39 57'16.71"W</u> Longitude: <u>81 59'04.95W</u> | |
| 7. | Write a brief description of the facility and operations: <u>Dow Cameron Oil & Gas receives oil & gas brine from it's customers, filters to remove suspended solids, and then transports the filtered water to accepted disposal wells.</u> <u>A solidification process has been implimented in order to manage all residual solids. TCLIPS were completed in that establishing a reciever has been identified. Transporters agreements are complet.</u> | |
| 8. | Include all information as set forth in the "Guidelines for Application for Chief's Order". Attach Additional Documents | |

I, the undersigned, being first duly sworn, depose and state under penalties of law, that I am authorized to make this application, that this application was prepared by me or under my supervision and direction, and that the facts stated herein are true, correct, and complete, to the best of my knowledge.

I certify that the facility will comply with or is currently in compliance with all provisions of Chapter 1509 ORC, Chapter 1501 OAC, and all terms and conditions of orders and permits issued by the Chief, Division of Oil and Gas Resources Management.

Signature of Authorized Agent Dow Cameron

Name (Type or Print) Dow Cameron Title owner

Sworn to and subscribed before me this the 24 day of Dec, 20 13.

(Notary Public)



Permit To Operate a Facility Attachment

12/23/2013

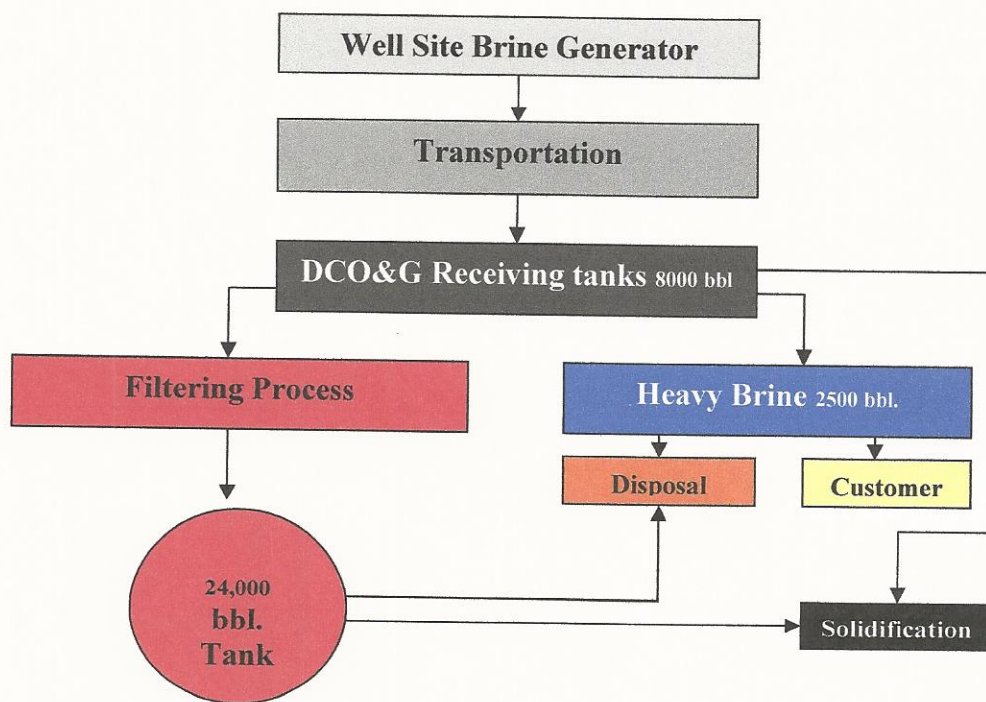
- (1) See Attached
- (2) See Attached

(3) Detailed process explanation:

- Dow Cameron Oil & Gas, located at 1470 Adamsville Road, Zanesville Ohio is a eight year old company, serving the oil & gas industry with services that include, logistics for fresh water and well site fluids, frac tank support and rig moving.

Our operation focuses around our ability to filter in order to provide acceptable brine that offers little if any sediment issues to the disposal wells. We also have the resources of providing heavy brine at the customer's request. Our ability to collect significant volumes of brine allows us to provide these services. The simplistic nature of our operation is the cornerstone which the company was established. We take brine water in, hold it in temporary holding tanks, and pump the brine through a filtering system into another temporary holding vessel which from there is transported to disposal. Residual sediments are collected, solidified then sent to an acceptable landfill all of which is manifested.

(a) General Process flow schematic



4. Estimated Volumes

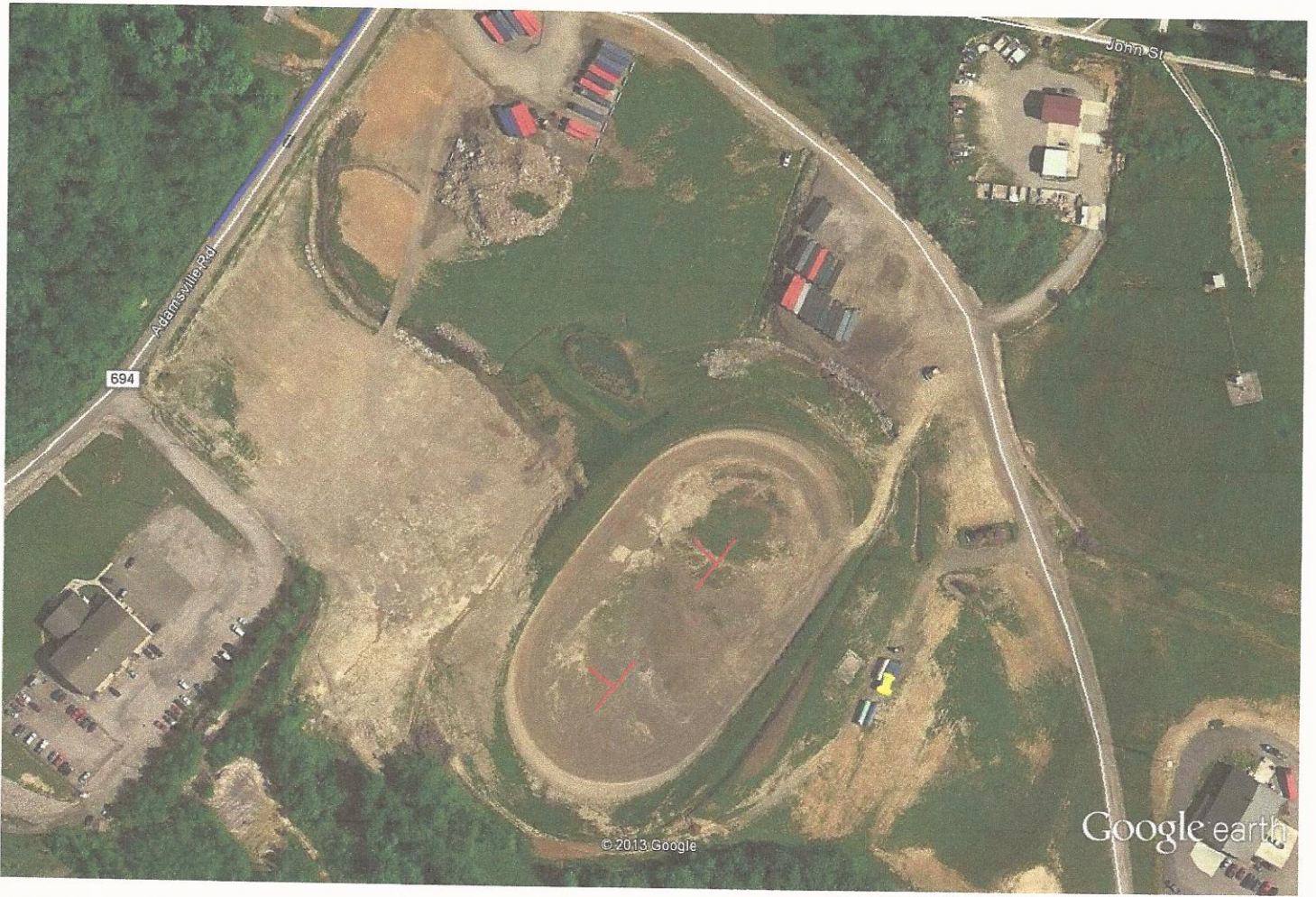
| Receiving Capacity | Temporary Storage |
|---------------------------|--------------------------|
| 8,500 bbl. | 24,137 bbb. |

margins may be
20% due to spikes

| | | | |
|--------------------------|--------|--------------------------|--------|
| Incoming Dailey | 550 | Out Going Daily | 550 |
| Incoming Monthly | 16500 | Out Going Monthly | 16500 |
| Incoming Annually | 198000 | Outgoing Annually | 198000 |

5. Documenting

All loads leaving well sites must be documented then signed off from company representative. Incoming load tickets are collected, and then entered into our data system. All outgoing water is documented by completing a Dow Cameron Ticket then at disposal, a disposal ticket is generated which must coincide with all relative tickets.



Google earth

feet
meters

