

From: [Wixon, Donna](#)
To: [Joshua Rose](#); [Wendy Loya](#)
Cc: [Shelly Jacobson](#); [Sarah LaMarr](#)
Subject: Fwd: [EXTERNAL] POSSIBLE Water Withdrawal Locations
Date: Tuesday, July 31, 2018 10:58:39 AM
Attachments: [MC WaterWLocations-2018.kmz](#)

Good Morning,

Please see attached map of lakes that SAE may want to withdraw water. Do you have any information on these lakes?

Thanks,
Donna

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----- Forwarded message -----

From: **Suzan Simonds** <ssimonds@contractor.saexploration.com>
Date: Mon, Jul 23, 2018 at 3:33 PM
Subject: [EXTERNAL] POSSIBLE Water Withdrawal Locations
To: Sarah LaMarr <slamarr@blm.gov>, Donna Wixon <dwixon@blm.gov>
Cc: Marsh Creek Permitting <MarshCreekPermitting@saexploration.com>

Hi Sara

Compared to most other winter north slope activities, seismic water withdrawal is considered minimalistic by the state. SAE follows the following guide lines for water withdrawal. These guidelines are an explanation for when a company would need to file for a Temporary water use permit (TWUP) if the amounts are exceeded. In normal operations we/SAE does not exceed this amount described below:

- the consumptive use of more than 5,000 gallons of water from a single source in a single day;
- the regular daily or recurring consumptive use of more than 500 gpd from a single source for more than 10 days per calendar year
- the non-consumptive use of more than 30,000 gpd (0.05 cubic feet per second) from a single source; or

- any water use that may adversely affect the water rights of other appropriators or the public interest.

I have put together a KMZ file for possible lakes that may work for water withdrawal. These lakes would be looked as we move into winter planning.

Please let me know if you need anything else.

Suzan Simonds

Permit and Regulatory Manager

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