

ATTACHMENT B

NM Produced Water Research Consortium



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Information Sharing Plan

This plan identifies the minimum information required by NMED on all projects dealing with the potential use of produced water or treated produced water outside the oil and gas industry or uses conducted on oil and gas sites that are not directly related to development, production, or reclamation activities for oil and gas.

The information is necessary to make initial determinations regarding jurisdictional responsibilities and requirements for proposed projects.

1. Initial information requirements for all projects
 - a. Name of Company
 - b. Address
 - c. Contact person and info
 - d. Type of Project (lab, bench scale, pilot, field, combination, other)
 - e. Affirmation: There is no discharge of produced water or treated produced water to the surface or groundwater.
 - f. Affirmation: The project will be conducted as a closed loop system.
 - g. Basin of origin of produced water to be used: San Juan or Permian Basin
 - h. Project: does technology testing take place inside or outside of the oil / gas field?
 - i. Project: is treated produced water to be used inside or outside of the oil /gas field?
 - j. Project: what is the proposed use of the treated produced water?
 - k. Funding source and amount of PWRC funding (self-funded, PWRC funded (amount), or combination

 - l. Company description /biography (experience, types of technology, primary work of company, website)
 - m. Executive Summary (one to two paragraphs describing the general purpose of the project and expected benefits of proposed technology process)
 - n. Project Goals (one to two paragraphs describing what the goals are for the project to accomplish-days operational, stability, quality & quantity of distillate, barrels of distillate produced, etc.)
 - o. Site location / identification (identify locations where all phases or parts of the project are to be conducted including address, Section, Township, Range, GPS coordinates, site description). Include an aerial map with basic design features on the map, including

- adjacent roads, north arrow, scale, equipment, fencing and other pertinent information.
- p. Provide written driving instructions on how to reach the site from Albuquerque.
 - q. Site Description: type of facility where all parts of the pilot are to be conducted—
BGNDRF, university laboratory, permitted recycling facility, well pad, other)
 - r. Land status: (identify ownership status for all project locations (private, federal, state, BLM, Tribal, USFS, other.)
 - s. Are any parts of the project conducted or sourced within the exterior boundaries of a Native American Reservation?
 - t. Provide list of all landowners adjacent to proposed project locations and provide confirmation that adjacent owners have been notified regarding the proposed project. Provide the source of the adjacent landowner data.
 - u. Proposed schedule (dates of proposed testing, duration of testing, etc.)
 - v. Technology Performance Objectives (treatment target goals: treated water recovery in bbls/day, daily operational target (hrs/day), treated produced water recovery target % of raw water feed, quality target, initial TDS and targeted TDS after treatment, source water data, basin, formation, and other pertinent data.)
 - w. Treatment system design and process: (brief description of the general technology to be used, how the process will flow, expected results, site diagram of project set-up)
 - x. Emergency response plan for spills or releases of produced water or treated produced water.
 - y. Disposal and decommissioning plan (where will produced water and treated produced water be disposed of, where will soils, plant materials, other equipment used in project be disposed of. How will equipment used in project be decontaminated)?
 - z. Certification that applicant will fully comply with all consortium requirements and guidance documents related to the following:
 - aa. Guidance on Produced Water Sampling Procedure.
 - bb. Guidance on Produced Water Treatment Research, Development, and Demonstration Testing and Evaluation.
2. Submittal schedule for proposed projects
- a. Initial Project Proposal Summary must be submitted to NMPWRC at least 90 days prior to proposed start date to allow for review by NMED, EMNRD/OCD, and Government Advisory Board.
 - b. Monthly status report to NMPWRC to report schedule or changes, status of project, and other pertinent information.
 - c. Final project summary and closeout report to NMPWRC within 30 days of project completion.

Note: Additional information may be required by regulatory agencies upon review of initial project submittals.

This attachment may be incorporated into the “Guidance On Produced Water Treatment Research, Development, and Pilot-Scale Demonstration Testing and Evaluation” document.