ENVIRONMENTAL CLEARANCE REQUEST FORM 77a

TO: DISE Staff name FROM: Ky Dupuis (Project Geologist) REQUEST DATE: 2/18/2026	REQUESTED DATE FOR ENV. COMPLIANCE: 5/1/2026 ENV.CLEARANCE NUMBER: DISE can assign PROJECT TITLE: Tracy Subbasin TSS MW-102 Well Installation
LOCATION OF PROJECT SITE CITY / COUNTY: Tracy, San Joaquin County	COORDINATES LAT: 37.675683 LONG: -121.292722

DESCRIPTION OF WORK:

NCRO's Geology and Groundwater Investigations' (GGI) Professional Geologist (PG) or Geologist-In-Training (GIT) will oversee a contractor in the installation of a single-completion Groundwater Monitoring Well. The well will be 8" diameter with one 2" diameter Sch 40 PVC well casing and a 4'x4' completion footprint.

Work crews will mobilize to the work site with all the equipment necessary to construct the project improvements. Utilizing a contractor, well installation activities are as follows:

1. The monitoring well will be drilled with a hollow-stem auger rig (Drill Rig). The PG will review the lithologic and geophysical logs (if surveyed) alongside each other and select the final well screen interval according to hydrostratigraphic interpretation. The Drill Rig will be used for the following:
    a. Drill 8-inch diameter boring
    b. Collect drill cutting samples every 5 feet.
    c. Install one 2-inch diameter, monitoring well casing in the boring.
    d. Drill cuttings will be stored in drums and hauled off site, or, with approval from DISE and the property owner, cuttings may be spread on site.
2. Based on the well screen depth interval selected, the following well construction activities will occur:
    a. Assemble and install flush-threaded 2" SCH 40 PVC well casing with mill-slotted screen at the selected interval (approx. 25'-60').
    b. Install annulus material (filter pack sand, transition sand, bentonite, etc.) using tremie pipe and pump, as necessary.
    c. Use tremie pipe to install a neat cement sanitary seal to a minimum depth of 20 feet below ground surface.
    d. Wells will be finished with an above ground steel pipe with a locking, hinged lid, a 4'x4' concrete apron, and steel traffic bollards.
3. Well development will occur no sooner than 48 hours after the well surface seal has

been completed and 24 hours after the surface completion is installed. Well development will be accomplished by a combination of surging, bailing to remove sediment, and purging with a submersible or air lift pump. Well development will be performed until there is good hydraulic connection between the formation and the well screen, or for a maximum of 4 hours if turbidity reduction is not easily achieved. Water from pumping near waterways will be contained and hauled off site.

4. Work crews will efficiently demobilize all equipment used to construct the project improvements, clean up all work-related waste and unused materials, and return work areas to their original condition. Equipment for the project includes a Hollow Stem Auger Drill Rig, Portable Toilet, Well Development Truck, Air compressor, Trailer with needed tools and water holding capabilities, two contractor staff vehicles, and one DWR Staff Truck.

ANTICIPATED DURATION OF PROPOSED PROJECT:
The proposed project is expected to take a minimum of three (3) days and up to one (1) week.

PROJECT NEED AND PURPOSE:
These wells will contribute information through groundwater monitoring for the Tracy Subbasin GSA to meet the objectives of the Sustainable Groundwater Management Act (SGMA).

DWR STAFF UNDERTAKING WORK [Y/N]:
Yes, DWR staff will oversee the contractor and collect data. The contractor will install the well.

ADDITIONAL INFORMATION FOR SITE VISIT:
Contact Ky Dupuis kylie.dupuis@water.ca.gov or (916) 820-7857 for more information as needed.

PRELIMINARY DESIGN INFORMATION:
Check appropriate boxes and delineate on attached Project Footprint map, plan, or layout:

- ☐ Bridge Work
- ☐ Cut/Fill
- ☐ Construction Access Road
- ☐ Disposal Borrow Site(s)
- ☒ Equipment Staging
- ☐ Drainage/Culverts
- ☐ Maintenance Dewatering
- ☐ Right-of-Way Acquisition
- ☐ Temporary Easements
- ☐ Utility Relocations/Crossings
- ☒ Ground Disturbance
- ☐ Vegetation Removal
- ☐ Tree Removal
- ☐ In Water Work
- ☐ Other:

TECHNICAL STUDIES REQUESTED? [Y/N]:

- ☒ Biological Resources Evaluation
- ☒ Cultural Resources Evaluation
- ☐ Visual/Aesthetics
- ☐ Hydrology/Water Quality

☐ Wetland Delineation ☐ Geological/Geotechnical ☐ Hazardous Waste/Materials ☐ Other:
STAFF UNDERTAKING WORK:
ADDITIONAL RIGHT-OF-WAY REQUESTED OR PERMISSION TO ENTER NEEDED? [Y/N]: Number of Parcels Impacted 1 The project is to be located on private property and DWR will negotiate an automatically renewing land use agreement for the well site granting the DWR, the GSA, and their respective contractors all necessary access to the property to construct, operate, and maintain groundwater monitoring equipment.
DOCUMENTS ATTACHED: OR EXPECTED DATE AVAILABLE: ☒ Figure 1: Project Location Map (REQUIRED) ☒ Figure 2: Preliminary Plans/Layout (REQUIRED) ☐ Typical Cross Section ☐ Photos/Video ☐ Other:
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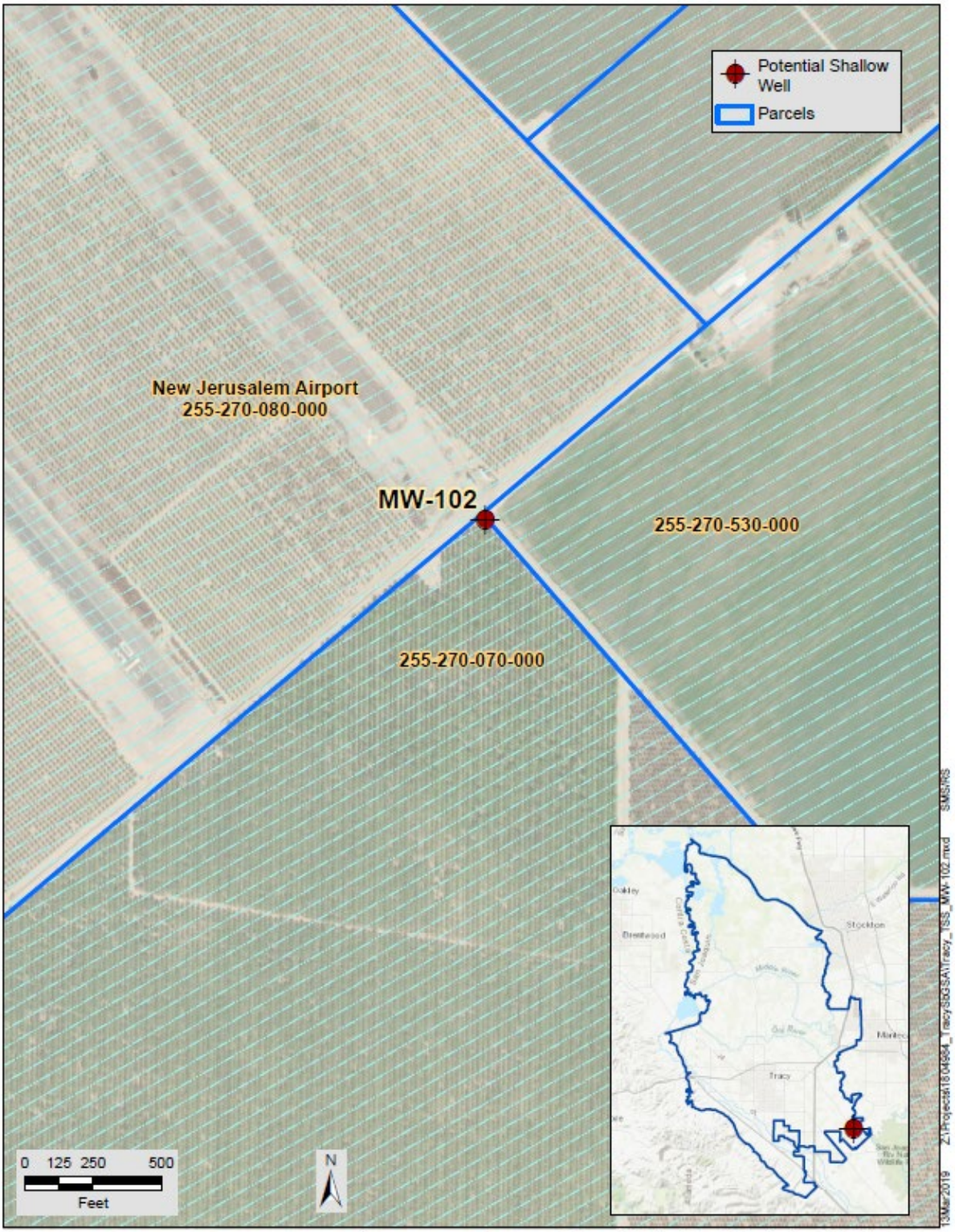
Location Map



Tracy Subbasin San Joaquin County, CA	GEI Consultants	Potential Shallow Monitoring Well in the Tracy Subbasin
Tracy Subbasin GSAs		NOVEMBER 2024 FIGURE 102

Preliminary Plan/Layout