

## ENVIRONMENTAL INFORMATION FOR PETITIONS

This form is required for all petitions.

Before the State Water Resources Control Board (State Water Board) can approve a petition, the State Water Board must consider the information contained in an environmental document prepared in compliance with the California Environmental Quality Act (CEQA). This form is not a CEQA document. If a CEQA document has not yet been prepared, a determination must be made of who is responsible for its preparation. As the petitioner, you are responsible for all costs associated with the environmental evaluation and preparation of the required CEQA documents. Please answer the following questions to the best of your ability and submit any studies that have been conducted regarding the environmental evaluation of your project. If you need more space to completely answer the questions, please number and attach additional sheets.

### DESCRIPTION OF PROPOSED CHANGES OR WORK REMAINING TO BE COMPLETED

For a petition for change, provide a description of the proposed changes to your project including, but not limited to, type of construction activity, structures existing or to be built, area to be graded or excavated, increase in water diversion and use (up to the amount authorized by the permit), changes in land use, and project operational changes, including changes in how the water will be used. For a petition for extension of time, provide a description of what work has been completed and what remains to be done. Include in your description any of the above elements that will occur during the requested extension period.

The City of Salinas owns and operates the Salinas Industrial Wastewater Treatment Facility (SIWTF). The SIWTF treats agricultural industry wastewater from the City of Salinas, 90% of which is water used for washing produce. Wastewater is currently conveyed to the Salinas pump station where it is either diverted to the Regional Treatment Plant (RTP) when there is demand for tertiary treated water or, when there is no demand, diverted to ponds along the Salinas River at Davis Road for treatment. Wastewater held at the SIWTF ponds is evaporated or discharged to land adjacent to the Salinas River, which results in seepage into the Salinas River and shallow aquifer. A facility to permanently divert flow to the RTP began construction in May 2015 and is expected to be completed in October 2015.

The Proposed Project would include improvements that would enable all agricultural wash water to be conveyed to the RTP in Marina and treated for municipal reuse in the Seaside Groundwater Basin and for irrigation at the Castroville Seawater Intrusion Project (CSIP) in northern Salinas Valley. The Proposed Project would also include improvements at the SIWTF to allow storage and later recovery of agricultural wash water and south Salinas urban stormwater to provide source water for recycling.

The SIWTF consists of an influent pump station, an aeration lagoon, percolation ponds, and rapid infiltration beds to treat, percolate and evaporate the industrial wastewater. The facility operates year-round, with a peak monthly inflow during summer months of approximately 3.5 to 4.0 mgd (5.4 to 6.2 cfs) with an annual average of approximately 3 mgd (4.6 cfs). The total estimated amount of wastewater treated in calendar year 2014 was 3,320 AF. By 2018 at project completion, the facility is expected to treat up to 3,732 AFY. Wastewater that remains in the ponds evaporates or percolates a short distance through the subsurface and emerges as seepage into the Salinas River or accrues to the regionally extensive shallow aquifer. Eventually, all wastewater currently seeping into the Salinas River channel and shallow aquifer could be diverted to the RTP for reuse after project completion. See Attachment 1 - Summary of Wastewater Flows.

With improvements at the SIWTF and elsewhere, some wastewater and stormwater would continue to flow to the ponds for treatment and percolation; however, only ponds 1,2, and 3 would be used for storage. The existing "rapid infiltration beds" (RIBS) currently used to percolate much of the treated wastewater would not be filled. At times of high demand at the RTP, wastewater and stormwater flows would be diverted at the Salinas pump station and conveyed to the RTP for treatment and reuse. In addition, pump and pipeline improvements at the ponds would allow stored water in the ponds to be pumped back to the RTP for treatment and reuse. Thus, the amount of water percolated water into the Salinas River and shallow aquifer could be reduced to zero from an estimated maximum of 2,170 AF in an average year. Wastewater delivered to the RTP would be treated at either the existing facility that provides tertiary-treated irrigation water to CSIP or to the proposed Advanced Water Treatment (AWT) facilities at the RTP. Wastewater recycled through the AWT would be pumped to the Seaside Groundwater Basin for injection and later recovery for municipal use through the California American Water delivery system for the Monterey Peninsula..

Additional information concerning potential environmental impacts is contained in DRAFT ENVIRONMENTAL IMPACT REPORT FOR THE PURE WATER MONTEREY GROUNDWATER REPLENISHMENT PROJECT, April 2015 and in Appendix N to the DEIR "Memorandum Regarding Pure Water Monterey Groundwater Replenishment Project - Impacts of Changes in Percolation at the Salinas Industrial Wastewater Treatment Facility on Groundwater and the Salinas River."

Attachment 1 to this form is "Estimated Monthly Project Flow." Attachment 2 is "Project Figures." Attachment 3 is "Project Photos."

Insert the attachment number here, if applicable:

**Coordination with Regional Water Quality Control Board**

For change petitions only, you must request consultation with the Regional Water Quality Control Board regarding the potential effects of your proposed change on water quality and other instream beneficial uses. (Cal. Code Regs., tit. 23, § 794.) In order to determine the appropriate office for consultation, see: [http://www.waterboards.ca.gov/waterboards\\_map.shtml](http://www.waterboards.ca.gov/waterboards_map.shtml). Provide the date you submitted your request for consultation here, then provide the following information.

Date of Request

9/8/2015

Will your project, during construction or operation, (1) generate waste or wastewater containing such things as sewage, industrial chemicals, metals, or agricultural chemicals, or (2) cause erosion, turbidity or sedimentation?

Yes  No

Will a waste discharge permit be required for the project?

Yes  No

If necessary, provide additional information below:

Discharge permitted to City of Salinas under WDR No. R3-2003-0008, WDID No. 3 27011003

Insert the attachment number here, if applicable:

**Local Permits**

For temporary transfers only, you must contact the board of supervisors for the county(ies) both for where you currently store or use water and where you propose to transfer the water. (Wat. Code § 1726.) Provide the date you submitted your request for consultation here.

Date of Contact

9/15/15

For change petitions only, you should contact your local planning or public works department and provide the information below.

Person Contacted:  Date of Contact:

Department:  Phone Number:

County Zoning Designation:

Are any county permits required for your project? If yes, indicate type below.  Yes  No

Grading Permit  Use Permit  Watercourse  Obstruction Permit

Change of Zoning  General Plan Change  Other (explain below)

If applicable, have you obtained any of the permits listed above? If yes, provide copies.  Yes  No

If necessary, provide additional information below:

A grading and/or encroachment permit may be required to set up equipment for lining an existing 33-inch pipe.

Insert the attachment number here, if applicable:

**Federal and State Permits**

Check any additional agencies that may require permits or other approvals for your project:

- Regional Water Quality Control Board     Department of Fish and Game
- Dept of Water Resources, Division of Safety of Dams     California Coastal Commission
- State Reclamation Board     U.S. Army Corps of Engineers     U.S. Forest Service
- Bureau of Land Management     Federal Energy Regulatory Commission
- Natural Resources Conservation Service

Have you obtained any of the permits listed above? If yes, provide copies.     Yes     No

For each agency from which a permit is required, provide the following information:

Agency	Permit Type	Person(s) Contacted	Contact Date	Phone Number
Central Coast RWQCB	WDR	Tom Kukol	9/8/2015	805-549-3689

If necessary, provide additional information below:

Insert the attachment number here, if applicable:

**Construction or Grading Activity**

Does the project involve any construction or grading-related activity that has significantly altered or would significantly alter the bed, bank or riparian habitat of any stream or lake?     Yes     No

If necessary, provide additional information below:

Insert the attachment number here, if applicable:

**Archeology**

Has an archeological report been prepared for this project? If yes, provide a copy.  Yes  No

Will another public agency be preparing an archeological report?  Yes  No

Do you know of any archeological or historic sites in the area? If yes, explain below.  Yes  No

If necessary, provide additional information below:

City of Salinas has been contacted. Construction of a permanent shunt to divert flow began in May 2015 and is expected to be completed in October 2015. Slip-lining of an existing pipeline will be required with the Project, along with installation of wet wells, pumps and pipes (see Figure 2-14 in Attachment 2).

Insert the attachment number here, if applicable:

**Photographs**

For all petitions other than time extensions, attach complete sets of color photographs, clearly dated and labeled, showing the vegetation that exists at the following three locations:

- Along the stream channel immediately downstream from each point of diversion
- Along the stream channel immediately upstream from each point of diversion
- At the place where water subject to this water right will be used

**Maps**

For all petitions other than time extensions, attach maps labeled in accordance with the regulations showing all applicable features, both present and proposed, including but not limited to: point of diversion, point of redirection, distribution of storage reservoirs, point of discharge of treated wastewater, place of use, and location of instream flow dedication reach. (Cal. Code Regs., tit. 23, §§ 715 et seq., 794.)

Pursuant to California Code of Regulations, title 23, section 794, petitions for change submitted without maps may not be accepted.

**All Water Right Holders Must Sign This Form:**

I (we) hereby certify that the statements I (we) have furnished above and in the attachments are complete to the best of my (our) ability and that the facts, statements, and information presented are true and correct to the best of my (our) knowledge. Dated  at .

  
Water Right Holder or Authorized Agent Signature

Water Right Holder or Authorized Agent Signature

**NOTE:**  
• **Petitions for Change** may not be accepted unless you include proof that a copy of the petition was served on the Department of Fish and Game. (Cal. Code Regs., tit. 23, § 794.)  
• **Petitions for Temporary Transfer** may not be accepted unless you include proof that a copy of the petition was served on the Department of Fish and Game and the board of supervisors for the county(ies) where you currently store or use water and the county(ies) where you propose to transfer the water. (Wat. Code § 1726.)

Attachments to City of Salinas Environmental Information for Petitions

1 – Estimated Monthly Project Flows

2 – Project Figures

3 – Project Photographs

Figure 1 – Aeration Pond looking West

Figure 2 – Salinas River at Blanco Road crossing looking West

Figure 3 – South side of Pond 1 looking West, trees on the left are on the right side of the Salinas River

Figure 4 – Looking South of Pond 1, trees in the background are on the right side of the Salinas River

Figure 5 – MRWPCA's Salinas Pump Station – looking South. The diverted IWW water will enter the pump station and proceed over the Regional Treatment Plant eight miles away.

Figure 6 – Pump Station at the Industrial Pond Facility – Looking North

Figure 7 – Construction of the Permanent Diversion Facility near the MRWPCA's Salinas Pump Station – Looking Northeast

4 – Appendix J - Cultural Resources Phase 1 Archaeological Survey-Pure Water Monterey Peninsula GWR Project.pdf

**Amended Attachment 1** to City of Salinas Environmental Information for Petition  
 Summary of Wastewater Flows to Salinas Industrial Wastewater Treatment Facility Ponds

<b>Year/Month</b>	2014 (actual)	2017 (predicted)	2014 (actual)	2017 (predicted)	2018 (post project completion) <sup>1</sup>
	Acre-feet		Cubic Feet per Second		
<b>January</b>	193	156	3.14	2.54	0
<b>February</b>	176	158	3.17	2.84	0
<b>March</b>	207	201	3.37	3.27	0
<b>April</b>	276	307	4.49	4.99	0
<b>May</b>	323	311	5.26	5.06	0
<b>June</b>	304	391	4.94	6.36	0
<b>July</b>	331	435	5.38	7.07	0
<b>August</b>	346	444	5.63	7.22	0
<b>September</b>	301	367	4.90	5.97	0
<b>October</b>	329	410	5.35	6.67	0
<b>November</b>	245	329	3.98	5.35	0
<b>December</b>	287	223	4.67	3.63	0
<b>Total</b>	<b>3,320</b>	<b>3,732</b>			0

1. This assumes that all SIWTF flows would be diverted directly to the Regional Treatment Plant or 100% of any flow stored at the SIWTF ponds would not discharge to the river or shallow aquifer.