

## California Regional Water Quality Control Board

San Diego Region

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July 2, 2009

Mr. Tom R. Rosales General Manager South Orange County Wastewater Authority 34156 Del Obispo Street Dana Point, CA 92629 Certified Mail – Return Receipt Requested 7008 1140 0002 8455 9930

In reply refer to: 704670: jhaas

Dear Mr. Rosales:

Adoption of Administrative Civil Liability Order No. R9-2009-0048, South Orange County Wastewater Authority, South Coast Water District Groundwater Recovery Facility:

On July 1, 2009, the California Regional Water Quality Control Board, San Diego Region (Regional Board), adopted Administrative Civil Liability Order No. R9-2009-0048 against South Orange County Wastewater Authority assessing mandatory minimum penalties in the amount of \$204,000. A copy of the Order is enclosed. The Order directs \$94,500 of the liability be payable to the State Water Resources Control Board (State Water Board) for deposit into the Cleanup and Abatement Account and \$109,500 of the liability be paid to the Southern California Coastal Waters Research Project (SCCWRP) to support the identified supplemental environmental project.

Each payment is due by July 31, 2009. Payment to the State Water Board should be submitted to the Regional Board. Evidence of full payment to SCCWRP must also be submitted to the Regional Board by July 31, 2009. Failure to make either payment may result in the referral to a collection agency or the State Attorney General for further enforcement.

You have thirty days to challenge the Order by filing a petition for review with the State Water Board pursuant to Water Code section 13320. Information on the petition process is available on-line at: http://www.waterboards.ca.gov/public\_notices/petitions/.

California Environmental Protection Agency

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In the subject line of any response, please include the requested "In reply refer to:" information located in the heading of this letter. For questions pertaining to the subject matter, please contact Jeremy Haas at (858) 467-2735 or <a href="mailto:inhammatic-letter-">inhammatic-letter-</a> inhammatic-letter inhammatic-letter.

Respectfully,

JOHN H. ROBERTUS

**Executive Officer** 

JHR:jh

Enclosures: ACL Order No. R9-2009-0048

cc via email: (w/encl.)

Betty Burnett, District Counsel, South Coast Water District Mike Dunbar, General Manager, South Coast Water District

Pat Chen, Miles Chen Law Group

Brennon Flahive, Environmental Compliance Administrator, SOCWA
Ken Schiff, Southern California Coastal Water Research Program

Mayumi Okamoto, State Water Resources Control Board, Office of Enforcement Catherine Hagan, State Water Resources Control Board, Office of Chief Counsel

Brian Kelley, San Diego Regional Water Board

| Order No.        | R9-2009-0048          |
|------------------|-----------------------|
| File No.         |                       |
| GeoTracker No.   |                       |
| NPDES No.        | R9-2006-0054 (309059) |
| CIWQS Place ID   | 704670                |
| WDID             | 9 000017S6            |
| Reg. Measure No. | 360847                |
| Party ID         | 41388                 |
| Person ID        |                       |

## CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN DIEGO REGION

ORDER NO. R9-2009-0048

## ADMINISTRATIVE ASSESSMENT OF CIVIL LIABILITY FOR MANDATORY MINIMUM PENALTIES AGAINST SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SOUTH COAST WATER DISTRICT GROUNDWATER RECOVERY FACILITY FOR VIOLATIONS OF ORDER NO. R9-2006-0054, NPDES NO CA0107417

The California Regional Water Quality Control Board, San Diego Region (Regional Board), having held a public hearing on May 13, 2009, to hear evidence and comments on the allegations contained in Complaint No. R9-2009-0028, dated February 27, 2009, and deliberating on the evidence presented at the public hearing and in the record, after determining the allegations contained in the Complaint to be true, having provided public notice thereof and not less than thirty (30) days for public comment and on the recommendation for administrative assessment of mandatory minimum penalties (MMPs) in the amount of \$204,000 finds as follows:

- 1. SOCWA owns and holds the NPDES permit for the San Juan Creek Ocean Outfall on behalf of all its member agencies (Order No. R9-2006-0054, NPDES No. CA0107417, Waste Discharge Requirement for the South Orange County Wastewater Authority, Discharge to the Pacific Ocean Via the San Juan Creek Ocean Outfall, Orange County).
- 2. The South Coast Water District (SCWD) operates the Groundwater Recovery Facility (Facility) and discharges brine to the San Juan Creek Ocean Outfall as a member agency under Order No. R9-2006-0054. Treated effluent discharged from the Facility into the Pacific Ocean through the San Juan Creek Ocean Outfall is subject to numeric effluent limitations contained in Order No. R9-2006-0054.

Calculation of Mandatory Minimum Penalties Based on Reported Monitoring Results from August 2007 through December 2008

| Violation     | 10000            | Constituent | Limitation                        | tUnit (      | Permitted<br>Limit | Reported<br>Value | Percent<br>Value | Serious    | Mandatory Minimum  |
|---------------|------------------|-------------|-----------------------------------|--------------|--------------------|-------------------|------------------|------------|--------------------|
| Date          | , alb            |             | Ellintanori                       | 7 K          | Cillin             | value"            | Exceeds*         | violation  | Penalty            |
| 8/23/2007     | 689715           | TSS         | average monthly                   | mg/L         | 60                 | 119               | 98.3%            | Yes        | \$3,000            |
|               | 660728           | turbidity   | instantaneous max                 | NTU          | 225                | 260               | 15.6%            | No         | \$0                |
|               | 689220           | turbidity   | average weekly                    | NTU          | 100                | 260               | 160.0%           | Yes        | \$3,000            |
|               | 689237           | turbidity   | average monthly                   | NTU          | 75                 | 260               | 246.7%           | Yes        | \$3,000            |
| ·             | 805397           | SS          | average monthly                   | ml/L         | 1                  | 1.4               | 40.0%            | yes        | \$3,000            |
| <del></del> . | 689307           | SS          | instantaneous max                 | mg/L         | 3.0                | 3.2               | 6.7%             | No         | \$3,000            |
| 9/27/2007     | 689267           | turbidity   | average weekly                    | NTU          | 100                | 173               | 73.0%            | Yes        | \$3,000            |
| <del></del>   | 689282           | turbidity   | average monthly                   | NTU          | 75                 | 173               | 130.7%           | Yes        | \$3,000            |
| 9/30/2007     | 689310           | SS          | average monthly                   | mg/L         | 1.0                | 1.1               | 10.0%            | No         | \$3,000            |
| 10/31/2007    | 698165           | TSS         | average monthly                   | mg/L         | 60                 | 71.0              | 18.3%            | No         | \$3,000            |
|               |                  |             |                                   |              |                    | 070               |                  |            |                    |
| 11/21/2007    | 715317           | turbidity   | instantaneous max                 | NTU          | 225                | 273               | 21.3%            | No         | \$3,000            |
| ·····         | 715322           | turbidity   | average weekly                    | NTU          | 100                | 273               | 173.0%           | Yes        | \$3,000            |
| 11/28/2007    | 715281           | TSS         | average monthly                   | mg/L         | 60                 | 65.0              | 8.3%             | No         | \$3,000            |
|               | 754137           | turbidity   | average monthly                   | NTU_         | 75                 | 120               | 60.0%            | Yes        | \$3,000            |
|               | 724195           | TSS         | average monthly                   | mg/L         | 60                 | 114.0             | 90.0%            | Yes        | \$3,000            |
| 12/21/2007    | 724233           | turbidity   | instantaneous max                 | NTU          | 225                | 393               | 74.7%            | Yes        | \$3,000            |
| 12/21/200/    | 724234           | turbidity   | average weekly                    | NTU          | 100                | 393               | 293.0%           | Yes        | \$3,000            |
|               | 724241           | turbidity   | average monthly                   | NTU          | 75                 | 393               | 424.0%           | Yes        | \$3,000            |
|               | 755198           | TSS         | average monthly                   | mg/L         | 60                 | 85.9              | 43.2%            | Yes        | \$3,000            |
| 3/24/2008     | 755310           | turbidity   | average weekly                    | NTU          | 100                | 177.1             | 77.1%            | Yes        | \$3,000            |
|               | 755317           | turbidity   | average monthly                   | NTU          | .75                | 177.1             | 136.1%           | Yes        | \$3,000            |
|               | 805277           | turbidity   | instantaneous max                 | NTU          | 225                | 280.8             | 24.8%            | no         | \$3,000            |
|               | 805281           | turbidity   | average weekly                    | NTU          | 100                | 280.8             | 180.8%           | yes        | \$3,000            |
| 4/29/2008     | 805283           | turbidity   | average monthly                   | NTU          | 75                 | 280.8             | 274.4%           | yes        | \$3,000            |
| 4/23/2000     | 805285           | SS          | instantaneous max                 | ml/L         | 3.0                | 10.4              | 246.7%           | yes        | \$3,000            |
|               | 805286           | SS          | average weekly                    | ml/L         | 1.5                | 10.4              | 593.3%           | yes        | \$3,000            |
|               | 805288           | SS          | average monthly                   | ml/L         | 1.0                | 10.4              | 940.0%           | yes        | \$3,000            |
| 5/3/2008      | 805290           | turbidity   | instantaneous max                 | NTU          | 225                | 249.0             | 10.7%            | no         | \$3,000            |
| 3/3/2008      | 805330           | turbidity   | average weekly                    | NTU          | 100                | 249.0             | 149.0%           | yes        | \$3,000            |
|               | 805332           | turbidity   | instantaneous max                 | NTU          | 225                | 372.0             | 65.3%            | yes        | \$3,000            |
| 5/16/2008     | 805795           | turbidity   | average weekly                    | NTU          | 100                | 372.0             | 272.0%           | yes        | \$3,000            |
|               | 805819           | SS          | average weekly                    | l ml/L       | 1.5                | 1.6               | 6.7%             | no         | \$3,000            |
|               | 805797           | TSS         | average monthly                   | mg/L         | 60                 | 132.0             | 120.0%           | yes        | \$3,000            |
| 5/29/2008     | 805799           | turbidity   | instantaneous max                 | NTU          | 225                | 330.0             | 46.7%            | yes        | \$3,000            |
|               | 805803           | turbidity   | average weekly                    | NTU          | 100                | 330.0             | 230.0%           | yes        | \$3,000            |
|               | 805804           | turbidity   | average monthly                   | NTU          | 75                 | 317.0             | 322.7%           | yes        | \$3,000            |
|               | 805806           | SS          | instantaneous max                 | ml/L         | 3.0                | 11.7              | 290.0%           | yes        | \$3,000            |
|               | 805842<br>805843 | SS<br>SS    | average weekly<br>average monthly | ml/L<br>ml/L | 1.5                | 11.7<br>4.5       | 680.0%<br>350.0% | yes<br>yes | \$3,000<br>\$3,000 |
|               |                  |             |                                   |              |                    |                   | _                | ,,,,,      |                    |
| 6/6/2008      | 805824           | TSS         | average monthly                   | mg/L         | 60                 | 135.0             | 125.0%           | yes        | \$3,000            |
|               | 805825           | turbidity   | instantaneous max                 | NTU          | 225                | 381.0             | 69.3%            | yes        | \$3,000            |
|               | 805844           | turbidity   | average weekly                    | NTU          | 100                | 381.0             | 281.0%           | yes        | \$3,000            |
|               | 805827           | turbidity   | average monthly                   | NTU          | 75                 | 381.0             | 408.0%           | yes        | \$3,000            |

|            | 100       |  |                             |         | #10 M       |            | Rercent |               | Mandatory<br>Minimum |
|------------|-----------|--|-----------------------------|---------|-------------|------------|---------|---------------|----------------------|
| Violation  | Wiolation | Constituent  | * Effluent # 15 Elimitation | el Init | Permitted   | Reported   | *Value  | Serious       | Minimum              |
| Date       | - ID      | A Same of the same | Limitation 3                |         | Limit*      | /-*Value ⊹ |         | "Violation"   | Benalty <sup>a</sup> |
|            |           | ·  | Tomas Com !                 |         | 8 1 K 10 14 | 4-12-3     |         | # <b>#</b> 74 | regilally.           |
|            | 805823    | TSS  | average monthly             | mg/L    | 60          | 131.0      | 118.3%  | yes           | \$3,000              |
|            | 805833    | turbidity  | instantaneous max           | NTU     | 225         | 314.0      | 39.6%   | no            | \$3,000              |
|            | 805838    | turbidity  | average weekly              | NTU     | 100         | 314.0      | 214.0%  | yes           | \$3,000              |
| 7/31/2008  | 805836    | turbidity  | average monthly             | NTU     | 75          | 314.0      | 318.7%  | yes           | \$3,000              |
|            | 805826    | SS   | instantaneous max           | ml/L    | 3.0         | 4.9        | 63.3%   | yes           | \$3,000              |
|            | 805835    | SS   | average weekly              | ml/L    | 1.5         | 4.9        | 226.7%  | yes           | \$3,000              |
|            | 805832    | SS   | average monthly             | ml/L    | 1.0         | 4.9        | 390.0%  | yes           | \$3,000              |
|            |           |  |                             |         |             |            |         |               |                      |
|            | 805820    | TSS  | average monthly             | mg/L    | 60          | 130.0      | 116.7%  | yes           | \$3,000              |
|            | 805821    | turbidity  | instantaneous max           | NTU     | 225         | 348.0      | 54.7%   | yes           | \$3,000              |
| 8/27/2008  | 805822    | turbidity  | average weekly              | NTU     | 100         | 348.0      | 248.0%  | yes           | \$3,000              |
|            | 805828    | turbidity  | average monthly             | NTU     | 75          | 348.0      | 364.0%  | yes           | \$3,000              |
|            | 805824    | SS   | instantaneous max           | ml/L    | 3.0         | 7.5        | 150.0%  | yes           | \$3,000              |
|            | 805829    | SS   | average weekly              | ml/L    | 1.5         | 7.5        | 400.0%  | yes           | \$3,000              |
|            | 805831    | SS   | average monthly             | m!/L    | 1.0         | 7.5        | 650.0%  | yes           | \$3,000              |
|            |           |  |                             |         | -           | -          |         |               |                      |
| 9/30/2008  | 805813    | TSS  | average monthly             | mg/L    | 60          | 232.0      | 286.7%  | yes           | \$3,000              |
|            | 805814    | turbidity  | instantaneous max           | NTU     | 225         | 480.0      | 113.3%  | yes           | \$3,000              |
|            | 805815    | turbidity  | average weekly              | NTU     | 100         | 480.0      | 380.0%  | yes           | \$3,000              |
|            | 805817    | turbidity  | average monthly             | NTU     | 75          | 480.0      | 540.0%  | yes           | \$3,000              |
| - 1        | 805818    | SS   | average monthly             | ml/L    | 1.0         | 1.3        | 30.0%   | no            | \$3,000              |
|            |           |  |                             |         | *           |            |         |               |                      |
| 10/15/2008 | 805812    | TSS  | average monthly             | mg/L    | 60          | 211.0      | 251.7%  | yes           | \$3,000              |
|            | 805810    | turbidity  | instantaneous max           | NŤU     | 225         | 422.0      | 87.6%   | yes           | \$3,000              |
|            | 805808    | turbidity  | average weekly              | NTU     | 100         | 422.0      | 322.0%  | ves           | \$3,000              |
|            | 805805    | turbidity  | average monthly             | NTU     | 75          | 422.0      | 462.7%  | ves           | \$3,000              |
|            | 805802    | SS   | instantaneous max           | ml/L    | 3.0         | 9.7        | 223.3%  | yes           | \$3,000              |
|            | 805796    | SS   | average weekly              | ml/L    | 1.5         | 9.7        | 546.7%  | yes           | \$3,000              |
|            | 805793    | SS   | average monthly             | ml/L    | 1.0         | 9.7        | 870.0%  | ves           | \$3,000              |
|            |           |  | a coluge monthly            |         |             | Total MMP  |         |               | \$204,000            |

i. TSS = Total Suspended Solids; SS = Settleable Solids

ii. CWC Section 13385(h)(1) requires that an MMP of \$3,000 be imposed for each serious violation. A serious violation occurs when the discharge exceeds Group I effluent limitations by 40 percent or more or Group II effluent limitations by 20 percent or more. Total suspended solids, settleable solids, and turbidity are Group I pollutants.

iii. MMPs are required for serious violations (CWC Sec. 13385(h) and for the fourth and subsequent effluent limitation violation in any six month period (CWC Section 13385(i)).

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