1 2 3 4 5 6 7 8	ANDREW L. PACKARD (State Bar No. 16 ERIK M. ROPER (State Bar No. 259756) Law Offices of Andrew L. Packard 100 Petaluma Blvd. N., Suite 301 Petaluma, CA 94952 Tel: (707) 763-7227 Fax: (707) 763-9227 E-mail: Andrew@packardlawoffices.com  ROBERT J. TUERCK (Bar No. 255741) Jackson & Tuerck P.O. Box 148 429 W. Main Street, Suite C Quincy, CA 95971 Tel: (530) 283-0406 E-mail: beh@inelsgentuerals.com	68690)								
	E-mail: bob@jacksontuerck.com									
10 11	Attorneys for Plaintiff CALIFORNIA SPORTFISHING PROTECTION ALLIANCE									
12	UNITED STATES DISTRICT COURT									
13	EASTERN DISTRICT OF CALIFORNIA									
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15	CALIFORNIA SPORTFISHING PROTECTION ALLIANCE, a non-profit corporation,	Case No.								
16	Plaintiff,	COMPLAINT FOR DECLARATORY								
17	VS.	AND INJUNCTIVE RELIEF AND CIVIL PENALTIES								
18	CITY OF REDDING, and KURT									
19	STARMAN, an individual,	(Federal Water Pollution Control Act, 33 U.S.C. §§ 1251 to 1387)								
20	Defendants,	22 2.2.2.3 1221 10 1201)								
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22	CALIFORNIA GRODEFIGUING DE									
23	CALIFORNIA SPORTFISHING PROTECTION ALLIANCE ("CSPA"), by and									
24	through its counsel, hereby alleges:									
25	I. <u>JURISDICTION AND VENUE</u>									
26	1. This is a civil suit brought und	der the citizen suit enforcement provisions of the								
	Federal Water Pollution Control Act, 33 U.	S.C. Section 1251, et seq. (the "Clean Water Act"								
27	or "the Act") against the City of Redding ar	nd Mr. Kurt Starman (hereafter "Defendants").								
28	-									
	COMPLAINT									

COMPLAINT

This Court has subject matter jurisdiction over the parties and the subject matter of this
action pursuant to Section 505(a)(1)(A) of the Act, 33 U.S.C. § 1365(a)(1)(A), and 28 U.S.C
§ 1331 (an action arising under the laws of the United States). The relief requested is
authorized pursuant to 28 U.S.C. § 2201-02 (power to issue declaratory relief in case of
actual controversy and further necessary relief based on such a declaration), 33 U.S.C. §§
1319(b), 1365(a) (injunctive relief), and 33 U.S.C. § 1319(d), 1365(a) (civil penalties).

- 2. On or about April 8, 2010, Plaintiff provided notice of Defendants' violations of the Act, and of its intention to file suit against Defendants, to the Administrator of the United States Environmental Protection Agency ("EPA"); the Administrator of EPA Region IX; the Executive Director of the State Water Resources Control Board ("State Board"); the Executive Officer of the Regional Water Quality Control Board, Central Valley Region ("Regional Board"); and to Defendants, as required by the Act, 33 U.S.C. § 1365(b)(1)(A). A true and correct copy of CSPA's notice letter is attached as Exhibit A, and is incorporated by reference.
- 3. More than sixty days have passed since notice was served on Defendants and the State and federal agencies. Plaintiff is informed and believes, and thereupon alleges, that neither the EPA nor the State of California has commenced or is diligently prosecuting a court action to redress the violations alleged in this complaint. This action's claim for civil penalties is not barred by any prior administrative penalty under Section 309(g) of the Act, 33 U.S.C. § 1319(g).
- 4. Venue is proper in the Eastern District of California pursuant to Section 505(c)(1) of the Act, 33 U.S.C. § 1365(c)(1), because the source of the violations is located within this judicial district. Pursuant to Local Rule 120(d), intra-district venue is proper in Sacramento, California because the source of the violations is located within Shasta County.

## II. INTRODUCTION

5. This complaint seeks relief for Defendants' discharges of pollutants from an approximately 1,058-acre landfill facility ("the Facility") owned and/or operated by Defendants City of Redding and Kurt Starman. The Facility discharges indirectly to Dry

Creek, a tributary of Cottonwood Creek, which ultimately drains to the Sacramento River, and the Sacramento-San Joaquin Delta. Defendants' discharges of pollutants from the Facility are in violation of the Act and the State of California's General Industrial Permit for storm water discharges, State Water Resources Control Board ("State Board") Water Quality Order No. 91-13-DWQ, as amended by Water Quality Order No. 92-12-DWQ and Water Quality Order No. 97-03-DWQ, National Pollutant Discharge Elimination System ("NPDES") General Permit No. CAS000001 (hereinafter "General Permit" or "Permit"). Defendants' violations of the filing, monitoring, reporting, discharge and management practice requirements, and other procedural and substantive requirements of the General Permit and the Act are ongoing and continuous. 

6. The failure on the part of industrial facility operators such as Defendants to comply with the General Permit is recognized as a significant cause of the continuing decline in water quality of these receiving waters. The general consensus among regulatory agencies and water quality specialists is that storm water pollution amounts to more than half the total pollution entering the marine environment each year. With every rainfall event, hundreds of thousands of gallons of polluted storm water originating from industrial facilities discharge to Dry Creek, Cottonwood Creek, the Sacramento River, and the Sacramento-San Joaquin Delta.

## III. PARTIES

7. Plaintiff CALIFORNIA SPORTFISHING PROTECTION ALLIANCE ("CSPA") is a non-profit public benefit corporation organized under the laws of the State of California with its main office in Stockton, California. CSPA has approximately 2,000 members who live, recreate and work in and around waters of the State of California, including Dry Creek, Cottonwood Creek, the Sacramento River, and the Sacramento-San Joaquin Delta. CSPA is dedicated to the preservation, protection, and defense of the environment, and the wildlife and the natural resources of all waters of California. To further these goals, CSPA actively seeks federal and state agency implementation of the Act and other laws and, where necessary, directly initiates enforcement actions on behalf of itself

and its members.

- 8. Members of CSPA reside in California and use and enjoy California's numerous rivers for recreation and other activities. Members of CSPA use and enjoy the waters of Dry Creek, Cottonwood Creek, the Sacramento River, and the Sacramento-San Joaquin Delta, into which Defendants have caused, are causing, and will continue to cause, pollutants to be discharged. Members of CSPA use these areas to fish, sail, boat, kayak, swim, birdwatch, view wildlife and engage in scientific study, including monitoring activities, among other things. Defendants' discharges of pollutants threaten or impair each of those uses or contribute to such threats and impairments. Thus, the interests of CSPA's members have been, are being, and will continue to be adversely affected by Defendants' ongoing failure to comply with the Clean Water Act. The relief sought herein will redress the harms to Plaintiff caused by Defendants' activities.
- 9. Continuing commission of the acts and omissions alleged above will irreparably harm Plaintiff and the citizens of the State of California, for which harm they have no plain, speedy or adequate remedy at law.
- 10. Plaintiff is informed and believes, and thereupon alleges, that Defendant City of Redding is a municipality organized under the laws of the State of California.
- 11. Plaintiff is informed and believes, and thereupon alleges, that Defendant Kurt Starman is the City Manager for the City of Redding and that in this capacity he directs the operations and maintenance of the Facility. Accordingly, Defendants own and/or operate the Facility.

## IV. STATUTORY BACKGROUND

- 12. Section 301(a) of the Act, 33 U.S.C. § 1311(a), prohibits the discharge of any pollutant into waters of the United States, unless such discharge is in compliance with various enumerated sections of the Act. Among other things, Section 301(a) prohibits discharges not authorized by, or in violation of, the terms of an NPDES permit issued pursuant to Section 402 of the Act, 33 U.S.C. § 1342.
- 13. Section 402(p) of the Act establishes a framework for regulating municipal COMPLAINT

- and industrial storm water discharges under the NPDES program. 33 U.S.C. §1342(p). States with approved NPDES permit programs are authorized by Section 402(p) to regulate industrial storm water discharges through individual permits issued to dischargers and/or through the issuance of a single, statewide general permit applicable to all industrial storm water dischargers. 33 U.S.C. § 1342.
  - 14. Pursuant to Section 402 of the Act, 33 U.S.C. § 1342, the Administrator of the U.S. EPA has authorized California's State Board to issue NPDES permits including general NPDES permits in California.
  - 15. The State Board elected to issue a statewide general permit for industrial discharges. The State Board issued the General Permit on or about November 19, 1991, modified the General Permit on or about September 17, 1992, and reissued the General Permit on or about April 17, 1997, pursuant to Section 402(p) of the Clean Water Act, 33 U.S.C. § 1342(p).
  - 16. The General Permit contains certain absolute prohibitions. Discharge Prohibition A(1) of the General Permit prohibits the direct or indirect discharge of materials other than storm water ("non-storm water discharges"), which are not otherwise regulated by an NPDES permit, to the waters of the United States. Discharge Prohibition A(2) of the General Permit prohibits storm water discharges and authorized non-storm water discharges that cause or threaten to cause pollution, contamination, or nuisance. Receiving Water Limitation C(1) of the General Permit prohibits storm water discharges to any surface or ground water that adversely impact human health or the environment. Receiving Water Limitation C(2) of the General Permit prohibits storm water discharges that cause or contribute to an exceedance of any applicable water quality standards contained in a Statewide Water Quality Control Plan or the applicable Regional Board's Basin Plan.
  - 17. In addition to absolute prohibitions, the General Permit contains a variety of substantive and procedural requirements that dischargers must meet. Facilities discharging, or having the potential to discharge, storm water associated with industrial activity that have not obtained an individual NPDES permit must apply for coverage under the State's General

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Permit by filing a Notice of Intent ("NOI"). The General Permit requires existing dischargers to file their NOIs before March 30, 1992.

- 18. Effluent Limitation B(3) of the General Permit requires dischargers to reduce or prevent pollutants in its storm water discharges through implementation of the Best Available Technology Economically Achievable ("BAT") for toxic and nonconventional pollutants and the Best Conventional Pollutant Control Technology ("BCT") for conventional pollutants. BAT and BCT include both nonstructural and structural measures. General Permit, Section A(8).
- 19. EPA has established Benchmark Levels as guidelines for determining whether a facility discharging industrial storm water has implemented the requisite BAT and BCT. 65 Fed. Reg. 64746, 64767 (Oct. 30, 2000). The following benchmarks have been established for pollutants discharged by Defendants: pH - 6.0-9.0; total suspended solids – 100 mg/L; oil & grease – 15.0 mg/L; chemical oxygen demand – 120 mg/L; aluminum – 0.75 mg/L; copper -0.0636 mg/L; iron -1.0 mg/L; lead -0.0816 mg/L; zinc -0.117 mg/L. The State Water Quality Control Board has proposed adding a benchmark level for specific conductance of 200 µmhos/cm.
- 20. Dischargers must develop and implement a Storm Water Pollution Prevention Plan ("SWPPP") before October 1, 1992. The SWPPP must comply with the BAT and BCT standards. (Section B(3)). The SWPPP must include, among other elements: (1) a narrative description and summary of all industrial activity, potential sources of pollutants and potential pollutants; (2) a site map showing facility boundaries, the storm water conveyance system, associated points of discharge, direction of flow, areas of industrial activities, and areas of actual and potential pollutant contact; (3) a description of storm water management practices, best management practices ("BMPs") and preventive maintenance undertaken to avoid storm water contamination that achieve BAT and BCT; (4) the location where Significant Materials are being shipped, stored, received and handled, as well as the typical quantities of such materials and the frequency with which they are handled; (5) a description of potential pollutant sources including industrial processes,

material handling and storage areas, dust and particulate generating activities; (6) a summary of storm water sampling points; (7) a description of individuals and their responsibilities for developing and implementing the SWPPP (Permit, Section A(3)); (8) a description of potential pollutant sources including industrial processes, material handling and storage areas, and dust and particulate generating activities; (9) a description of significant spills and leaks; (10) a list of all non-storm water discharges and their sources, and (11) a description of locations where soil erosion may occur (Section A(6)). The SWPPP must also include an assessment of potential pollutant sources at the Facility and a description of the BMPs to be implemented at the Facility that will reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges, including structural BMPs where non-structural BMPs are not effective (Section A(7), (8)).

- 21. The SWPPP must be re-evaluated annually to ensure effectiveness and must be revised where necessary (Section A(9),(10)). Section C(3) of the General Permit requires a discharger to prepare and submit a report to the Regional Board describing changes it will make to its current BMPs in order to prevent or reduce any pollutant in its storm water discharges that is causing or contributing to an exceedance of water quality standards. Once approved by the Regional Board, the additional BMPs must be incorporated into the Facility's SWPPP. The report must be submitted to the Regional Board no later than 60 days from the date the discharger first learns that its discharge is causing or contributing to an exceedance of an applicable water quality standard. Section C(4)(a). Section C(11)(d) of the General Permit's Standard Provisions also requires dischargers to report any noncompliance. *See also* Section E(6). Lastly, Section A(9) of the General Permit requires an annual evaluation of storm water controls including the preparation of an evaluation report and implementation of any additional measures in the SWPPP to respond to the monitoring results and other inspection activities.
- 22. The General Permit requires dischargers to eliminate all non-storm water discharges to storm water conveyance systems other than those specifically set forth in Special Condition D(1)(a) of the General Permit and meeting each of the conditions set forth

in Special Condition D(1)(b).

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- 23. The General Permit requires dischargers commencing industrial activities before October 1, 1992 to develop and implement an adequate written Monitoring and Reporting Program no later than October 1, 1992. Existing facilities covered under the General Permit must implement all necessary revisions to their monitoring programs no later than August 1, 1997.
- 24. The General Permit also requires dischargers to submit "Annual Reports" to the Regional Board. As part of their monitoring program, dischargers must identify all storm water discharge locations that produce a significant storm water discharge, evaluate the effectiveness of BMPs in reducing pollutant loading, and evaluate whether pollution control measures set out in the SWPPP are adequate and properly implemented. Dischargers must then conduct visual observations of these discharge locations for at least one storm per month during the wet season (October through May) and record their findings in their Annual Report. Dischargers must also collect and analyze storm water samples from at least two storms per year. Section B requires dischargers to sample and analyze during the wet season for basic parameters such as pH, total suspended solids ("TSS"), specific conductance, and total organic content ("TOC") or oil and grease, certain industry-specific parameters, and toxic chemicals and other pollutants likely to be in the storm water discharged from the facility. Additionally, Section B(5) and Table D of the General Permit requires dischargers whose industrial activities fall within SIC Code 4953 to analyze their storm water discharge samples for iron. Dischargers must also conduct dry season visual observations to identify sources of non-storm water pollution. The monitoring and reporting program requires dischargers to certify, based upon the annual site inspections, that the facility is in compliance with the General Permit and report any non-compliance, and contains additional requirements as well.
- 25. In order to discharge storm water lawfully in California, industrial dischargers must comply with the terms of the General Permit or have obtained and complied with an individual NPDES permit.

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**COMPLAINT** 

- The term "discharge of pollutants" means "any addition of any pollutant to 26. navigable waters from any point source." 33 U.S.C. § 1362(12). Pollutants are defined to include, among other examples, industrial waste, chemical wastes, biological materials, heat, rock, and sand discharged into water. 33 U.S.C. § 1362(6).
- 27. A point source is defined as "any discernable, confined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, [or] conduit . . . from which pollutants are or may be discharged." 33 U.S.C. § 1362(14).
- 28. "Navigable waters" means "the waters of the United States." 33 U.S.C. § 1362(7). Waters of the United States include tributaries to waters that are navigable in fact. Waters of the United States include man-made water bodies that are tributary to waters that are navigable in fact. Waters of the United States include ephemeral waters that are tributary to waters that are navigable in fact.
- 29. Section 505(a)(1) and Section 505(f) of the Act provide for citizen enforcement actions against any "person," including individuals, corporations, or partnerships, for violations of NPDES permit requirements and for unpermitted discharges of pollutants. 33 U.S.C. §§1365(a)(1) and (f), § 1362(5). An action for injunctive relief under the Act is authorized by 33 U.S.C. § 1365(a). Violators of the Act are also subject to an assessment of civil penalties of up to \$32,500 per day for violations that occurred between March 15, 2004 and January 12, 2009, and an assessment of civil penalties of up to \$37,500 per day for violations occurring after January 12, 2009, pursuant to Sections 309(d) and 505 of the Act, 33 U.S.C. §§ 1319(d), 1365 and 40 C.F.R. §§ 19.1 - 19.4.
- 30. The Regional Board has established water quality standards for the Sacramento River, and the Sacramento-San Joaquin Delta in the Water Quality Control Plan for the Sacramento River and San Joaquin River Basins, generally referred to as the Basin Plan.
- 31. The Basin Plan includes a narrative toxicity standard which states that "[a]ll waters shall be maintained free of toxic substances in concentrations that produce detrimental physiological responses in human, plant, animal, or aquatic life."

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- 32. The Basin Plan establishes a standard for electrical conductivity in the Delta of 0.7  $\mu$ mhos/cm from April 1 through August 31 and 1.0  $\mu$ mhos/cm from September 1 through March 31.
- 33. The Basin Plan provides that "[w]aters shall not contain chemical constituents in concentrations that adversely affect beneficial uses."
- 34. The Basin Plan provides that "[a]t a minimum, water designated for use as domestic or municipal supply (MUN) shall not contain concentrations of chemical constituents in excess of the maximum contaminant levels (MCLs)." The waters of the Sacramento River and the Delta have been designated by the State Board for use as municipal and domestic supply.

## V. <u>STATEMENT OF FACTS</u>

- 35. Defendants operate the Facility, an approximately 1,058-acre landfill located at 14095 Clear Creek Road, in Igo, California. The Facility discharges water indirectly to Dry Creek, a tributary of Cottonwood Creek, which ultimately flows into the Sacramento River, and the Sacramento-San Joaquin Delta.
- 36. The Facility is classified under SIC Code 4953 ("Landfills And Land Application Sites"). Industrial activities occur throughout the Facility. The Facility is primarily used as a landfill. Other current industrial activities occurring at the Facility include the use, storage, and maintenance of motorized vehicles. Many of these activities occur outside in areas that are exposed to storm water and storm flows due to the lack of overhead coverage, functional berms and other storm water controls. Plaintiff is informed and believes that Defendants' storm water controls, to the extent any exist, fail to achieve BAT and BCT standards.
- 37. The management practices at the Facility are wholly inadequate to prevent the sources of contamination described above from causing the discharge of pollutants to waters of the United States and fail to meet BAT and BCT. The Facility lacks essential structural controls such as grading, berming and roofing to prevent rainfall and storm water flows from coming into contact with these and other sources of contaminants, thereby

allowing storm water to flow over and across these materials and become contaminated prior to leaving the Facility. In addition, the Facility lacks structural controls to prevent the discharge of water once contaminated. The Facility also lacks an adequate filtration system to treat water once it is contaminated.

- 38. During rain events storm water laden with pollutants flows from the Facility into Dry Creek and then into Cottonwood Creek, which ultimately flows to the Sacramento River, and the Sacramento-San Joaquin Delta.
- 39. Information available to Plaintiff indicates that as a result of these practices, storm water containing pollutants harmful to fish, plant and bird life, and human health are being discharged from the Facility directly to these waters during significant rain events.
- 40. Dry Creek, Cottonwood Creek, the Sacramento River, and the Sacramento-San Joaquin Delta are waters of the United States.
- 41. Information available to Plaintiff indicates that Defendants have not fulfilled the requirements set forth in the General Permit for discharges from the Facility due to the continued discharge of contaminated storm water.
- 42. Plaintiff is informed and believes, and thereupon alleges, that Defendants have failed to develop and implement an adequate Storm Water Pollution Prevention Plan.
- 43. Information available to Plaintiff indicates the continued existence of unlawful storm water discharges at the Facility.
- 44. Plaintiff is informed and believes, and thereupon alleges, that Defendants have failed to develop and implement adequate monitoring, reporting and sampling programs for the Facility. Plaintiffs are informed and believe, and thereupon allege, that Defendants have not sampled with adequate frequency, have not conducted visual monitoring, and have not analyzed the samples collected for the required pollutant parameters.
- 45. Plaintiff is informed and believes, and thereupon alleges, that all of the violations alleged in this Complaint are ongoing and continuing.

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## **CLAIMS FOR RELIEF**

## FIRST CAUSE OF ACTION

**Discharges of Contaminated Storm Water** in Violation of Permit Conditions and the Act (Violations of 33 U.S.C. §§ 1311(a), 1342)

- Plaintiff incorporates the allegations contained in the above paragraphs as 46. though fully set forth herein.
- 47. Discharge Prohibition A(2) of the General Permit requires that storm water discharges and authorized non-storm water discharges shall not cause or threaten to cause pollution, contamination, or nuisance. Receiving Water Limitations C(1) and C(2) of the General Permit require that storm water discharges and authorized non-storm water discharges shall not adversely impact human health or the environment, and shall not cause or contribute to a violation of any water quality standards contained in a Statewide Water Quality Control Plan or the applicable Regional Board's Basin Plan.
- 48. Plaintiff is informed and believes, and thereupon alleges, that since at least October 1, 1992, Defendants have been discharging polluted storm water from the Facility to Dry Creek, Cottonwood Creek, the Sacramento River, and the Sacramento-San Joaquin Delta in violation of the General Permit.
- 49. During every significant rain event, storm water flowing over and through materials at the Facility becomes contaminated with pollutants, flowing untreated from the Facility to Dry Creek, Cottonwood Creek, the Sacramento River, and the Sacramento-San Joaquin Delta.
- 50. Plaintiff is informed and believes, and thereupon alleges, that these discharges of contaminated storm water are causing pollution and contamination of the waters of the United States in violation of Discharge Prohibition A(2) of the General Permit.
- 51. Plaintiff is informed and believes, and thereupon alleges, that these discharges of contaminated storm water are adversely affecting human health and the environment in violation of Receiving Water Limitation C(1) of the General Permit.
  - 52. Plaintiff is informed and believes, and thereupon alleges, that these discharges

of contaminated storm water are contributing to the violation of the applicable water quality standards in the Statewide Water Quality Control Plan and/or the applicable Regional Board's Basin Plan in violation of Receiving Water Limitation C(2) of the General Permit.

53. Plaintiff is informed and believes, and thereupon alleges, that every day since March 30, 1992, Defendants have discharged and continue to discharge polluted storm water from the Facility in violation of the General Permit. Every day Defendants have discharged and continue to discharge polluted storm water from the Facility in violation of the General Permit is a separate and distinct violation of Section 301(a) of the Act, 33 U.S.C. § 1311(a). These violations are ongoing and continuous.

WHEREFORE, Plaintiff prays for relief as hereinafter set forth.

## SECOND CAUSE OF ACTION

Failure to Develop and Implement an Adequate Storm Water Pollution Prevention Plan (Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)

- 54. Plaintiff incorporates the allegations contained in the above paragraphs as though fully set forth herein.
- 55. Section A and Provision E of the General Permit requires dischargers of storm water associated with industrial activity to develop and implement an adequate Storm Water Pollution Prevention Plan ("SWPPP") no later than October 1, 1992.
- 56. Defendants have failed to develop and implement an adequate SWPPP for the Facility. Defendants' ongoing failure to develop and implement an adequate SWPPP for the Facility is evidenced by, *inter alia*, Defendants' outdoor storage of industrial materials, including waste materials, without appropriate best management practices; the continued exposure of significant quantities of industrial material to storm water flows; the failure to either treat storm water prior to discharge or to implement effective containment practices; and the continued discharge of storm water pollutants from the Facility at levels in excess of EPA benchmark values and other applicable water quality standards.
- 57. Each day since October 1, 1992 that Defendants have failed to develop and implement an adequate SWPPP for the Facility in violation of the General Permit is a separate and distinct violation of Section 301(a) of the Act, 33 U.S.C. § 1311(a).

58. Defendants have been in violation of the SWPPP requirement every day since October 1, 1992. Defendants continue to be in violation of the Act each day that they fail to develop and fully implement an adequate SWPPP for the Facility.

WHEREFORE, Plaintiffs pray for relief as hereinafter set forth.

## THIRD CAUSE OF ACTION

Failure to Develop and Implement the Best Available And Best Conventional Treatment Technologies (Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)

- 59. Plaintiff incorporates the allegations contained in the above paragraphs as though fully set forth herein.
- 60. The General Permit's SWPPP requirements and Effluent Limitation B(3) require dischargers to reduce or prevent pollutants in their storm water discharges through implementation of BAT for toxic and nonconventional pollutants and BCT for conventional pollutants.
- 61. Plaintiff is informed and believes, and thereupon alleges, that Defendants have failed to implement BAT and BCT at the Facility for its discharges of total suspended solids, specific conductance, oil and grease, pH, iron, aluminum, arsenic, cadmium, chemical oxygen demand, copper, lead, magnesium, mercury, nitrate + nitrite, selenium, silver, zinc and other unmonitored pollutants in violation of Effluent Limitation B(3) of the General Permit.
- 62. Each day since April 8, 2005 that Defendants have failed to develop and implement BAT and BCT in violation of the General Permit is a separate and distinct violation of Section 301(a) of the Act, 33 U.S.C. § 1311(a).
- 63. Defendants have been in violation of the BAT and BCT requirements every day since at least April 8, 2005. Defendant continues to be in violation of the BAT and BCT requirements each day that it fails to develop and fully implement an adequate BAT and BCT for the Facility.

### FOURTH CAUSE OF ACTION

Failure to Develop and Implement an Adequate Monitoring and Reporting Program (Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)

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- 64. Plaintiff incorporates the allegations contained in the above paragraphs as though fully set forth herein.
- 65. Section B of the General Permit requires dischargers of storm water associated with industrial activity to develop and implement a monitoring and reporting program (including, among other things, sampling and analysis of discharges) no later than October 1, 1992.
- 66. Defendants have failed to develop and implement an adequate monitoring and reporting program for the Facility. Defendants' ongoing failures to develop and implement adequate monitoring and reporting programs are evidenced by, *inter alia*, their continuing failure to collect and analyze storm water samples from all discharge locations, their continuing failure to analyze storm water samples for all toxic chemicals and other pollutants likely to be present in the Facility's storm water discharges in significant quantities, and their failure to file required Annual Reports with the Regional Board which provide required information concerning the Facility's visual observations and storm water sampling and analysis.
- 67. Each day since October 1, 1992 that Defendants have failed to develop and implement an adequate monitoring and reporting program for the Facility in violation of the General Permit is a separate and distinct violation of Section 301(a) of the Act, 33 U.S.C. § 1311(a). These violations are ongoing and continuous.

WHEREFORE, Plaintiffs pray for relief as hereinafter set forth.

## FIFTH CAUSE OF ACTION

## False Certification of Compliance in Annual Report (Violations of Permit Conditions and the Act, 33 U.S.C. §§ 1311, 1342)

- 68. Plaintiff incorporates the allegations contained in the above paragraphs as though fully set forth herein.
- 69. Defendants have falsely certified compliance with the General Permit in each of the Annual Reports submitted to the Regional Board since April 8, 2005.
  - 70. Each day since at least April 8, 2005, that Defendants have falsely certified

**COMPLAINT** 

compliance with the General Permit is a separate and distinct violation of the General Permit and Section 301(a) of the Act, 33 U.S.C. § 1311(a). Defendants continue to be in violation of the General Permit's verification requirement each day that they maintain their false certification of its compliance with the General Permit.

## VII. <u>RELIEF REQUESTED</u>

Wherefore, Plaintiff respectfully requests that this Court grant the following relief:

- a. Declare Defendants to have violated and to be in violation of the Act as alleged herein;
- b. Enjoin Defendants from discharging pollutants from the Facility and to the surface waters surrounding and downstream from the Facility;
- c. Enjoin Defendants from further violating the substantive and procedural requirements of the General Permit;
- d. Order Defendants to immediately implement storm water pollution control and treatment technologies and measures that are equivalent to BAT or BCT and prevent pollutants in the Facility's storm water from contributing to violations of any water quality standards;
- e. Order Defendants to comply with the General Permit's monitoring and reporting requirements, including ordering supplemental monitoring to compensate for past monitoring violations;
- f. Order Defendants to prepare a SWPPP consistent with the General Permit's requirements and implement procedures to regularly review and update the SWPPP;
- g. Order Defendants to provide Plaintiff with reports documenting the quality and quantity of their discharges to waters of the United States and their efforts to comply with the Act, the General Permit and the Court's orders;
- h. Order Defendants to pay civil penalties of \$32,500 per day per violation for all violations occurring after March 15, 2004, and \$37,500 per day per violation for all violations occurring after January 12, 2009, for each violation of the Act pursuant to Sections 309(d) and 505(a) of the Act, 33 U.S.C. §§ 1319(d) and 1365(a) and 40 C.F.R. §§ 19.1 19.4

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i. Order Defendants to take appropriate actions to restore the quality of navigable waters impaired by their activities;

- j. Award Plaintiffs' costs (including reasonable attorney, witness, and consultant fees) as authorized by the Act, 33 U.S.C. § 1365(d); and,
  - k. Award any such other and further relief as this Court may deem appropriate.

Dated: June 7, 2010 Respectfully Submitted,

(pp. 200-202) (Dec. 31, 1996);

LAW OFFICES OF ANDREW L. PACKARD

By: /s/ Erik Roper
Erik M. Roper
Attorneys for Plaintiff
CALIFORNIA SPORTFISHING
PROTECTION ALLIANCE

**EXHIBIT A** 



## California Sportfishing Protection Alliance

"An Advocate for Fisheries, Habitat and Water Quality"
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April 8, 2010

## <u>VIA CERTIFIED MAIL</u> RETURN RECEIPT REQUESTED

Mr. John Heath, Associate Engineer Mr. Casey R. Scott, Supervising Engineer West Central Landfill 14095 Clear Creek Rd. Igo, CA 96047

Mr. Andy Clemens City of Redding 777 Cypress Ave. Redding, CA 96001

Mr. Kurt Starman, City Manager City of Redding 777 Cypress Ave. Redding, CA 96001

Re: Notice of Violations and Intent to File Suit Under the Federal Water Pollution Control Act

Dear Messrs. Starman, Heath, Scott and Clemens:

I am writing on behalf of the California Sportfishing Protection Alliance ("CSPA") in regard to violations of the Federal Water Pollution Control Act (the "Clean Water Act" or "the Act") occurring at the West Central Landfill (hereafter, "WCL") facility located at 14095 Clear Creek Road in Igo, California ("the Facility"). The WDID identification number for the Facility is 5R45I002913. The City of Redding ("the City") is the operator of the Facility. CSPA is a non-profit public benefit corporation dedicated to the preservation, protection, and defense of the environment, wildlife and natural resources of Dry Creek, Cottonwood Creek, the Sacramento River and other California

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waters. This letter is being sent to you as the responsible owner, officer, or operator of the Facility.

This letter addresses the City's unlawful discharges of pollutants from the Facility to Dry Creek, a tributary of Cottonwood Creek, which ultimately drains to the Sacramento River and the Sacramento-San Joaquin Bay Delta ("the Delta"). This letter addresses the ongoing violations of the substantive and procedural requirements of the Clean Water Act and the National Pollutant Discharge Elimination System ("NPDES") General Permit No. CAS000001, State Water Resources Control Board Water Quality Order No. 92-12-DWQ, as amended by Order No. 97-03-DWQ ("General Industrial Storm Water Permit"). Although the City discharges pollutants from the Facility into Dry Creek, a tributary of Cottonwood Creek, which ultimately drains to the Sacramento River and the Delta, the City has not obtained a National Pollutant Discharge Elimination System ("NPDES") permit authorizing these discharges. The City's ongoing discharges of pollutants from the Facility to these waters of the United States violate Section 301(a) of the Act, 33 U.S.C. § 1311(a).

Section 505(b) of the Clean Water Act provides that sixty (60) days prior to the initiation of a civil action under Section 505(a) of the Act (33 U.S.C. § 1365(a)), a citizen must give notice of intent to file suit. Notice must be given to the alleged violator, the U.S. Environmental Protection Agency ("the EPA"), and the State in which the violations occur.

As required by the Clean Water Act, this Notice of Violation and Intent to File Suit provides notice of the violations that have occurred, and continue to occur, at the Facility. Consequently, the City of Redding is hereby placed on formal notice by CSPA that, after the expiration of sixty (60) days from the date of this Notice of Violation and Intent to File Suit, CSPA intends to file suit in federal court against the City of Redding, and Messrs. Heath, Scott and Clemens under Section 505(a) of the Clean Water Act (33 U.S.C. § 1365(a)), for violations of the Clean Water Act and the General Industrial Storm Water Permit. These violations are described more fully below.

### I. Background.

The City owns and/or operates the Facility as a landfill facility approximately 12 miles southwest of Redding, California, near the unincorporated town of Igo, California. The Facility is primarily used to dispose of municipal solid waste; other current activities at the Facility include the use, storage, and maintenance of motorized vehicles, including trucks used to haul materials to, from and within the Facility.

On April 2, 1992, the County of Shasta (i.e., the former operator of the Facility) submitted its notice of intent ("NOI") to operate the Facility in compliance with the terms of the General Industrial Storm Water Permit ("the General Permit"). Based on its review of publicly available documents CSPA is informed and believes that the City of

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Redding (i.e., the current operator of the Facility) has never filed a NOI indicating its intent to operate the Facility in compliance with the terms of the General Permit.

The Facility collects and discharges storm water from its 1,058-acre industrial site through at least four discharge points indirectly to Dry Creek, a tributary of Cottonwood Creek, which ultimately drains to the Sacramento River and the Sacramento-San Joaquin Bay Delta ("the Delta"). The Delta, the Sacramento River, and the creeks that receive storm water discharges from the Facility are waters of the United States within the meaning of the Clean Water Act.

The Central Valley Regional Water Quality Control Board ("Regional Board" or "Board") has established water quality standards for the Sacramento River and the Delta in the "Water Quality Control Plan for the Sacramento River and San Joaquin River Basins," generally referred to as the Basin Plan. The Basin Plan includes a narrative toxicity standard which states that "[a]ll waters shall be maintained free of toxic substances in concentrations that produce detrimental physiological responses in human, plant, animal, or aquatic life." For the Delta, the Basin Plan establishes standards for several metals, including (at a hardness of 40 mg/L): arsenic – 0.01 mg/L; cadmium – 0.00022 mg/L; copper -0.0056 mg/L; iron -0.3 mg/L; and zinc -0.016 mg/L. Id. at III-3.00, Table III-1. The Basin Plan states that "[a]t a minimum, water designated for use as domestic or municipal supply (MUN) shall not contain lead in excess of 0.015 mg/L." Id. at III-3.00. The Basin Plan also provides that "[t]he pH shall not be depressed below 6.5 nor raised above 8.5." *Id.* at III-6.00. The Basin Plan also prohibits the discharges of oil and grease, stating that "[w]aters shall not contain oils, greases, waxes, or other materials in concentrations that cause nuisance, result in a visible film or coating on the surface of the water or on objects in the water, or otherwise adversely affect beneficial uses." Id. at III-5.00

The Basin Plan also provides that "[a]t a minimum, water designated for use as domestic or municipal supply (MUN) shall not contain concentrations of chemical constituents in excess of the maximum contaminant levels (MCLs)." *Id.* at III-3.0. The EPA has issued a recommended water quality criteria for aluminum for freshwater aquatic life protection of 0.087 mg/L. EPA has established a secondary MCL, consumer acceptance limit for aluminum of 0.05 mg/L to 0.2 mg/L. EPA has established a secondary MCL, consumer acceptance limit for zinc of 5 mg/L. EPA has established a primary MCL, consumer acceptance limit for the following: chromium – 0.1 mg/L; copper – 1.3 mg/L; and lead – 0.0 (zero) mg/L. *See* http://www.epa.gov/safewater/mcl.html. The California Department of Health Services has also established the following MCL, consumer acceptance levels: aluminum – 1 mg/L (primary) and 0.2 mg/L (secondary); chromium – 0.5 mg/L (primary); copper – 1.0 (secondary); iron – 0.3 mg/L; and zinc – 5 mg/L. *See* California Code of Regulations, title 22, §§ 64431, 64449.

EPA has also issued numeric receiving water limits for certain toxic pollutants in California surface waters, commonly known as the California Toxics Rule ("CTR"). 40 CFR §131.38. The CTR establishes the following numeric limits for freshwater surface

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waters: arsenic -0.34 mg/L (maximum concentration) and 0.150 mg/L (continuous concentration); chromium (III) -0.550 mg/L (maximum concentration) and 0.180 mg/L (continuous concentration); copper -0.013 mg/L (maximum concentration) and 0.009 mg/L (continuous concentration); lead -0.065 mg/L (maximum concentration) and 0.0025 mg/L (continuous concentration).

The Regional Board has also identified waters of the Delta as failing to meet water quality standards for unknown toxicity, electrical conductivity, numerous pesticides, and mercury. See http://www.swrcb.ca.gov/tmdl/docs/2002reg5303dlist.pdf. Discharges of listed pollutants into an impaired surface water may be deemed a "contribution" to the exceedance of CTR, a water quality standard, and may indicate a failure on the part of a discharger to implement adequate storm water pollution control measures. See Waterkeepers Northern Cal. v. Ag Indus. Mfg., Inc., 375 F.3d 913, 918 (9th Cir. 2004); see also Waterkeepers Northern Cal. v. Ag Indus. Mfg., Inc., 2005 WL 2001037 at \*3, 5 (E.D. Cal., Aug. 19, 2005) (discharger covered by the General Industrial Storm Water Permit was "subject to effluent limitation as to certain pollutants, including zinc, lead, copper, aluminum and lead" under the CTR).

The General Industrial Storm Water Permit incorporates benchmark levels established by EPA as guidelines for determining whether a facility discharging industrial storm water has implemented the requisite best available technology economically achievable ("BAT") and best conventional pollutant control technology ("BCT"). The following benchmarks have been established for pollutants discharged by the Facility: pH – 6.0-9.0; total suspended solids – 100 mg/L; oil & grease – 15.0 mg/L; and iron – 1.0 mg/L. The State Water Quality Control Board also recently proposed adding a benchmark level for specific conductance of 200 µmhos/cm. Additional parameters for pollutants that CSPA believes are being discharged from the Facility are: aluminum – 0.75 mg/L; chemical oxygen demand ("COD") – 120 mg/L; copper – 0.0636 mg/L; lead – 0.0816 mg/L; mercury – 0.0024 mg/L; and zinc – 0.117 mg/L.

## II. The City is Violating the Act by Discharging Pollutants From the Facility to Waters of the United States Without a NPDES Permit.

Under the Act, it is unlawful to discharge pollutants from a "point source" to navigable waters without obtaining and complying with a permit governing the quantity and quality of discharges. *Trustees for Alaska v. EPA*, 749 F.2d 549, 553 (9th Cir. 1984). Section 301(a) of the Clean Water Act prohibits "the discharge of any pollutants by any person . ." except as in compliance with, among other sections of the Act, Section 402, the NPDES permitting requirements. 33 U.S.C. § 1311(a). The duty to apply for a permit extends to "[a]ny person who discharges or proposes to discharge pollutants. . . ." 40 C.F.R. § 122.21(a).

The term "discharge of pollutants" means "any addition of any pollutant to navigable waters from any point source." 33 U.S.C. § 1362(12). Pollutants are defined to include, among other examples, a variety of metals, chemical wastes, biological

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materials, heat, rock, and sand discharged into water. 33 U.S.C. § 1362(6). A point source is defined as "any discernable, confined and discrete conveyance, including but not limited to any pipe, ditch, channel, tunnel, [or] conduit . . . from which pollutants are or may be discharged." 33 U.S.C. § 1362(14). A landfill that discharges pollutants into a navigable water is subject to regulation as a "point source" under the Clean Water Act. *Comm. to Save Mokelumne River v. East Bay Mun. Util. Dist.*, 13 F.3d 305, 308 (9th Cir. 1993). "Navigable waters" means "the waters of the United States." 33 U.S.C. § 1362(7). Navigable waters under the Act include man-made waterbodies and any tributaries or waters adjacent to other waters of the United States. *See Headwaters, Inc. v Talent Irrigation Dist.*, 243 F.3d 526, 533 (9th Cir. 2001).

Dry Creek and Cottonwood Creek are waters of the United States, which flow into the Sacramento River and ultimately to the Sacramento-San Joaquin Delta. Accordingly, the Facility's discharges of storm water containing pollutants to Dry Creek are discharges to waters of the United States.

CSPA anticipates the City will assert it is lawfully operating the Facility under the General Permit because the former operator of the Facility, the County of Shasta, filed a NOI to operate the Facility in compliance with the terms of the General Permit on April 2, 1992. However, the plain language of the General Permit compels the opposite conclusion. Attachment 3 to the General Permit (NOTICE OF INTENT (NOI) INSTRUCTIONS) states, in relevant part:

### **Change of Information**

If the information provided on the NOI or site map changes, you should report the changes to the State Water Board using an NOI form. Section I of the line-by-line instructions includes information regarding changes to the NOI.

### **NOI LINE-BY-LINE INSTRUCTIONS**

### Section I - NOI STATUS

Check box "B" if you are reporting changes to the NOI (e.g., new contact person, phone number, mailing address). Include the facility WDID #. Highlight all the information that has been changed.

Please note that a change of information **does not** apply to a change of <u>facility operator</u> or a change in the <u>location</u> of the facility. These changes require a Notice of Termination (NOT) and submittal of a new NOI and annual fee.

### **Section II – Facility Operator Information**

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Part A: The facility operator is the legal entity that is responsible for all permit related compliance activities at the facility. In most cases, the facility operator is the owner of the business or operation where the industrial activity occurs. Give the legal name and the address of the person, firm, public organization, or any other entity that is responsible for complying with the General Permit. (Emphasis in original).

Based on the above-cited portion of the General Permit and its review of publicly available documents, CSPA is informed and believes that: (1) the County of Shasta filed the only NOI ever filed for the Facility in 1992; (2) the County of Shasta has never filed a Notice of Termination (NOT) for the Facility; (3) the City has never filed a NOI for the Facility since it began operating the Facility; and, (4) the City has operated the Facility unlawfully without a permit every day for the last five years.

For at least the last five years, the City has discharged pollutants from the Facility into Dry Creek and, ultimately, the Sacramento River and Delta without a NPDES permit. CSPA is informed and believes, and thereupon alleges, that the City has discharged and is discharging pollutants from the Facility to waters of the United States every day that there has been or will be any measurable flow of water from the Facility for the last five years. Each discharge on each separate day is a separate violation of Section 301(a) of the Act, 33 U.S.C. § 1311(a). These unlawful discharges are ongoing. Consistent with the five-year statute of limitations applicable to citizen enforcement actions brought pursuant to the federal Clean Water Act, the City is subject to penalties for violations of the Act since April 8, 2005.

#### III. Pollutant Discharges in Violation of the NPDES Permit.

The City has violated and continues to violate the terms and conditions of the General Permit. Section 402(p) of the Act prohibits the discharge of storm water associated with industrial activities, except as permitted under an NPDES permit (33 U.S.C. § 1342) such as the General Permit. The General Permit prohibits any discharges of storm water associated with industrial activities that have not been subjected to BAT or BCT. Effluent Limitation B(3) of the General Permit requires dischargers to reduce or prevent pollutants in their storm water discharges through implementation of BAT for toxic and nonconventional pollutants and BCT for conventional pollutants. BAT and BCT include both nonstructural and structural measures. General Permit, Section A(8). Conventional pollutants are TSS, O&G, pH, biochemical oxygen demand ("BOD") and fecal coliform. 40 C.F.R. § 401.16. All other pollutants are either toxic or nonconventional. Id.; 40 C.F.R. § 401.15.

Receiving Water Limitation C(1) of the General Industrial Storm Water Permit prohibits storm water discharges and authorized non-storm water discharges to surface or groundwater that adversely impact human health or the environment. Receiving Water Limitation C(2) of the General Industrial Storm Water Permit also prohibits storm water discharges and authorized non-storm water discharges that cause or contribute to an

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exceedance of any applicable water quality standards contained in a Statewide Water Quality Control Plan or the applicable Regional Board's Basin Plan.

Based on its review of publicly available documents, CSPA is informed and believes that the Facility continues to operate the Facility in violation of the General Permit. The City's ongoing violations are discussed further below.

## A. The Facility Has Likely Discharged Storm Water Containing Pollutants in Violation of the Permit.

CSPA is informed and believes that the Facility has likely discharged and likely continues to discharge stormwater with unacceptable levels of pH, total suspended solids (TSS), specific conductivity (SC), Iron (Fe), Oil and Grease (O&G), aluminum (Al), zinc (Zn), chemical oxygen demand (COD) and lead (Pb) in violation of the General Permit. CSPA notes that every Annual Report on file for the Facility at the office of the Regional Board reports that the Facility is purportedly exempt from the General Permit requirement to collect and analyze samples of storm water from at least two storm events annually. The asserted exemption is based on a letter dated July 8, 1996, from the Regional Board's Carole Crowe to the Shasta County Department of Public Works ("the Exemption Letter"). The Exemption Letter purports to approve the Shasta County Department of Public Works' requested exemption from the sampling requirements of the General Permit. However, the Regional Board has never approved any requested exemption from the General Permit's storm water sampling requirements made by the City, the current operator of the Facility. CSPA is further informed and believes that Ms. Crowe lacked the legal authority to approve the storm water sampling exemption for the Facility requested by the Shasta County Department of Public Works in 1996. Alternatively, CSPA is informed and believes that even if Ms. Crowe did have legal authority to grant the exemption requested, the current operator of the Facility, the City, lacks the legal authority to rely on any exemption granted to the former operator of the Facility, the Shasta County Department of Public Works.

In any event, the purported exemption is facially invalid. Accordingly, the City may not rely on the Exemption Letter as the basis for having violated and continuing to violate the General Permit requirement to annually collect and analyze samples of storm water from each of the Facility's four discharge points from at least two storm events between the months of October through May. Based on its failure to sample its storm water discharges of pH, total suspended solids (TSS), specific conductivity (SC), Iron (Fe), Oil and Grease (O&G), aluminum (Al), zinc (Zn), chemical oxygen demand (COD) and lead (Pb), CSPA is informed and believes that the Facility is discharging storm water containing pollutants in violation of the General Permit.

CSPA is informed and believes that the City has known that the Facility's storm water contains pollutants at levels exceeding EPA Benchmarks and other water quality criteria since at least April 8, 2005. CSPA alleges that such violations also have occurred and will occur on other rain dates, including during every single significant rain event

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that has occurred since April 8, 2005, and that will occur at the Facility subsequent to the date of this Notice of Violation and Intent to File Suit. Attachment A, attached hereto, sets forth each of the specific rain dates on which CSPA alleges that the Facility discharged storm water containing impermissible levels of TSS, O&G, Iron (Fe), Specific Conductivity (SC), Aluminum (Al), Zinc (Zn), Chemical Oxygen Demand (COD), Lead (Pb) and other un-monitored pollutants in violation of Discharge Prohibitions A(1) and A(2) and Receiving Water Limitations C(1) and C(2) of the General Industrial Storm Water Permit.

These unlawful discharges from the Facility are ongoing. Each discharge of storm water containing any pollutants from the Facility without the implementation of BAT/BCT constitutes a separate violation of the General Permit and the Act. Consistent with the five-year statute of limitations applicable to citizen enforcement actions brought pursuant to the federal Clean Water Act, the City is subject to penalties for violations of the General Permit and the Act since April 8, 2005.

## B. The City Has Failed to Implement an Adequate Monitoring & Reporting Plan.

Section B of the General Industrial Storm Water Permit requires that dischargers develop and implement an adequate Monitoring and Reporting Plan by no later than October 1, 1992 or the start of operations. Sections B(3), B(4) and B(7) require that dischargers conduct regularly scheduled visual observations of non-storm water and storm water discharges from the Facility and to record and report such observations to the Regional Board. Section B(5)(a) of the General Industrial Storm Water Permit requires that dischargers "shall collect storm water samples during the first hour of discharge from (1) the first storm event of the wet season, and (2) at least one other storm event in the wet season. All storm water discharge locations shall be sampled." Section B(5)(c)(i) further requires that the samples shall be analyzed for total suspended solids, pH, specific conductance, and total organic carbon. Oil and grease may be substituted for total organic carbon.

The Facility's NOI designates the Facility as conforming to SIC Code 4953 – an SIC which requires the sampling and analysis of additional parameters found in Table D of the General Permit. Under Table D, facilities designated as SIC Code 4953 must analyze samples of storm water for Iron (Fe) and Total Suspended Solids (TSS). Section B(5)(c)(ii) of the General Permit requires dischargers to analyze samples for all "[t]oxic chemicals and other pollutants that are likely to be present in storm water discharges in significant quantities."

Based on its investigation, CSPA is informed and believes that the City has failed to develop and implement an adequate Monitoring & Reporting Plan at the Facility. First, the City has failed to collect storm water samples from each discharge point at the Facility during at least two qualifying storm events (as defined by the General Permit) during each of the past five years. Second, the City has failed to analyze the Facility's

storm water samples for all additional analytical parameters required for facilities designated under SIC 4953 (i.e., iron and TSS) during each of the past five years. Finally, CSPA is informed and believes that the City has failed to conduct all required visual observations of non-storm water and storm water discharges at the Facility. Each of these failures constitutes a separate and ongoing violation of the General Permit and the Act. Consistent with the five-year statute of limitations applicable to citizen enforcement actions brought pursuant to the federal Clean Water Act, the City is subject to penalties for violations of the General Permit and the Act since April 8, 2005. These violations are set forth in greater detail below.

# 1. The City Has Failed to Collect Storm Water Samples from Each of the Facility's Discharge Points During at least Two Rain Events In Each of the Last Five Years.

Based on its review of publicly available documents, CSPA is informed and believes that the City has failed to collect at least two storm water samples from all discharge points during qualifying rain events at the Facility during each of the past five years. For example, CSPA notes that for each Annual Report filed with the Regional Board for the Facility from the 2004-2005 wet season through the 2008-2009 wet season, the City has completely failed to collect any storm water samples from any of the Facility's discharge points. Each storm season the City failed to sample two qualifying storm events constitutes an additional and separate violation of the General Permit.

Moreover, based on its investigation, CSPA is informed and believes that storm water discharges from the Facility at points other than those currently designated by the City. Each of these failures to adequately monitor storm water discharges constitutes a separate and ongoing violation of the General Permit and the Clean Water Act.

## 2. The City Has Failed to Analyze the Facility's Storm Water for All Pollutants Required by the General Permit.

Section B(5)(c)(ii) of the General Permit requires dischargers to analyze samples for all "[t]oxic chemicals and other pollutants that are likely to be present in storm water discharges in significant quantities." Based on its investigation, CSPA is informed and believes that the City has failed to monitor for pollutants likely to be present in storm water discharges in significant quantities. The City's failure to monitor for such pollutants extends back at least until April 8, 2005. The City's failure to monitor these mandatory parameters has caused and continues to cause multiple separate and ongoing violations of the General Permit and the Act.

## 3. The City Is Subject to Penalties for Its Failure to Implement an Adequate Monitoring & Reporting Plan Since April 8, 2005.

CSPA is informed and believes that available documents demonstrate the City's consistent and ongoing failure to implement an adequate Monitoring Reporting Plan in

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violation of Section B of the General Permit. Consistent with the five-year statute of limitations applicable to citizen enforcement actions brought pursuant to the federal Clean Water Act, the City is subject to penalties for these violations of the General Permit and the Act since April 8, 2005.

## C. The City Has Failed to Implement BAT and BCT at the Facility.

Effluent Limitation B(3) of the General Permit requires dischargers to reduce or prevent pollutants in their storm water discharges through implementation of BAT for toxic and nonconventional pollutants and BCT for conventional pollutants. BAT and BCT include both nonstructural and structural measures. General Permit, Section A(8). CSPA's investigation indicates that the City has not implemented BAT and BCT at the Facility for its discharges of Total Suspended Solids (TSS), Oil and Grease (O&G), iron (Fe), Specific Conductivity (SC), Aluminum (Al), Zinc (Zn), Chemical Oxygen Demand (COD), Lead (Pb) and other unmonitored pollutants in violation of Effluent Limitation B(3) of the General Permit.

To meet the BAT/BCT requirement of the General Permit, the City must evaluate all pollutant sources at the Facility and implement the best structural and non-structural management practices economically achievable to reduce or prevent the discharge of pollutants from the Facility. Based on the information available regarding the internal structure of the Facility, CSPA believes that at a minimum, the City must improve its housekeeping practices, store materials that act as pollutant sources under cover or in contained areas, treat storm water to reduce pollutants before discharge (e.g., with filters, treatment boxes or oil/water separator units), and/or prevent storm water discharge altogether. The City has failed to implement such measures adequately.

The City was required to have implemented BAT and BCT by no later than October 1, 1992. Therefore, the City has been in continuous violation of the BAT and BCT requirements every day since October 1, 1992, and will continue to be in violation every day that the City fails to implement BAT and BCT. The City is subject to penalties for violations of the Order and the Act occurring since April 8, 2005.

## D. The City Has Failed to Develop and Implement an Adequate Storm Water Pollution Prevention Plan for the Facility.

Section A(1) and Provision E(2) of the General Industrial Storm Water Permit require dischargers of storm water associated with industrial activity to develop, implement, and update an adequate storm water pollution prevention plan ("SWPPP") no later than October 1, 1992. Section A(1) and Provision E(2) requires dischargers who submitted an NOI pursuant to the Order to continue following their existing SWPPP and implement any necessary revisions to their SWPPP in a timely manner, but in any case, no later than August 1, 1997.

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The SWPPP must, among other requirements, identify and evaluate sources of pollutants associated with industrial activities that may affect the quality of storm and non-storm water discharges from the facility and identify and implement site-specific best management practices ("BMPs") to reduce or prevent pollutants associated with industrial activities in storm water and authorized non-storm water discharges (General Permit, Section A(2)). The SWPPP must also include BMPs that achieve BAT and BCT (Effluent Limitation B(3)).

The SWPPP is required to include: a description of individuals and their responsibilities for developing and implementing the SWPPP (General Permit, Section A(3)); a site map showing the facility boundaries, storm water drainage areas with flow pattern and nearby water bodies, the location of the storm water collection, conveyance and discharge system, structural control measures, impervious areas, areas of actual and potential pollutant contact, and areas of industrial activity (General Permit, Section A(4)); a list of significant materials handled and stored at the site (General Permit, Section A(5)); a description of potential pollutant sources including industrial processes, material handling and storage areas, dust and particulate generating activities, a description of significant spills and leaks, a list of all non-storm water discharges and their sources, and a description of locations where soil erosion may occur (General Permit, Section A(6)).

The SWPPP also must include an assessment of potential pollutant sources at the Facility and a description of the BMPs to be implemented at the Facility that will reduce or prevent pollutants in storm water discharges and authorized non-storm water discharges, including structural BMPs where non-structural BMPs are not effective (General Permit, Section A(7), (8)). The SWPPP must be evaluated to ensure effectiveness and must be revised where necessary (General Permit, Section A(9),(10)). Receiving Water Limitation C(3) of the Order requires that dischargers submit a report to the appropriate Regional Water Board that describes the BMPs that are currently being implemented and additional BMPs that will be implemented to prevent or reduce the discharge of any pollutants causing or contributing to the exceedance of water quality standards.

CSPA's investigation and review of available documents regarding conditions at the Facility indicate that the City has been operating with an inadequately developed or implemented SWPPP in violation of the requirements set forth above. The City has therefore been in continuous violation of Section A(1) and Provision E(2) of the General Industrial Storm Water Permit every day since October 1, 1992, and will continue to be in violation every day that the City fails to develop and implement an adequate SWPPP. The City is subject to penalties for violations of the Order and the Act occurring since April 8, 2005.

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## E. The City Has Failed to Address Discharges Contributing to Exceedances of Water Quality Standards.

Receiving Water Limitation C(3) requires a discharger to prepare and submit a report to the Regional Board describing changes it will make to its current BMPs in order to prevent or reduce the discharge of any pollutant in its storm water discharges that is causing or contributing to an exceedance of water quality standards. Once approved by the Regional Board, the additional BMPs must be incorporated into the Facility's SWPPP. The report must be submitted to the Regional Board no later than 60-days from the date the discharger first learns that its discharge is causing or contributing to an exceedance of an applicable water quality standard. Receiving Water Limitation C(4)(a). Section C(11)(d) of the Permit's Standard Provisions also requires dischargers to report any noncompliance. *See also* Provision E(6). Lastly, Section A(9) of the Permit requires an annual evaluation of storm water controls including the preparation of an evaluation report and implementation of any additional measures in the SWPPP to respond to the monitoring results and other inspection activities.

As indicated above, CSPA is informed and believes the Facility is likely discharging elevated levels of total suspended solids, Iron (Fe), O&G, Specific Conductivity (SC), Aluminum (Al), Zinc (Zn), Chemical Oxygen Demand (COD) and Lead (Pb) that are causing or contributing to exceedances of applicable water quality standards. For each of these pollutants, the City was required to submit a report pursuant to Receiving Water Limitation C(4)(a) within 60-days of becoming aware of levels in its storm water exceeding the EPA Benchmarks and applicable water quality standards.

Based on CSPA's review of available documents, the City was aware of high levels of these pollutants prior to April 8, 2005. Likewise, the City has not filed any reports describing its noncompliance with the General Industrial Storm Water Permit in violation of Section C(11)(d). Lastly, the SWPPP and accompanying BMPs do not appear to have been altered as a result of the annual evaluation required by Section A(9). the City has been in continuous violation of Receiving Water Limitation C(4)(a) and Sections C(11)(d) and A(9) of the General Industrial Storm Water Permit every day since April 8, 2005, and will continue to be in violation every day that the City fails to prepare and submit the requisite reports, receives approval from the Regional Board and amends its SWPPP to include approved BMPs. The City is subject to penalties for violations of the General Permit and the Act occurring since April 8, 2005.

### F. The City Has Failed to File Timely, True and Correct Reports.

Section B(14) of the General Permit requires dischargers to submit an Annual Report by July 1st of each year to the executive officer of the relevant Regional Board. The Annual Report must be signed and certified by an appropriate corporate officer. General Permit, Sections B(14), C(9), (10). Section A(9)(d) of the General Industrial Storm Water Permit requires the discharger to include in their annual report an evaluation of their storm water controls, including certifying compliance with the General Industrial

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Storm Water Permit. See also General Permit, Sections C(9) and (10) and B(14).

CSPA's investigation indicates that the City has signed and submitted incomplete Annual Reports and purported to comply with the General Permit despite significant noncompliance at the Facility. As indicated above, the City has failed to comply with the Permit and the Act consistently for at least the past five years; therefore, the City has violated Sections A(9)(d), B(14) and C(9) & (10) of the Permit every time the City submitted an incomplete or incorrect annual report that falsely certified compliance with the Act in the past years. The City's failure to submit true and complete reports constitutes continuous and ongoing violations of the Permit and the Act. The City is subject to penalties for violations of Section (C) of the General Industrial Storm Water Permit and the Act occurring since April 8, 2005.

#### IV. Persons Responsible for the Violations.

CSPA hereby puts the City of Redding, Mr. Kurt Starman, Mr. John Heath, Mr. Casey R. Scott and Mr. Andy Clemens on notice that they are the persons responsible for the violations described above. If additional persons are subsequently identified as also being responsible for the violations set forth above, CSPA puts the City of Redding, Mr. Kurt Starman, Mr. John Heath, Mr. Casey R. Scott and Mr. Andy Clemens on notice that it intends to include those persons in this action.

#### V. Name and Address of Noticing Party.

Our name, address and telephone number is as follows: California Sportfishing Protection Alliance, Bill Jennings, Executive Director; 3536 Rainier Avenue, Stockton, CA 95204; Phone: (209) 464-5067.

#### VI. Counsel.

CSPA has retained legal counsel to represent it in this matter. Please direct all communications to:

Andrew L. Packard, Esq. Erik Roper, Esq. Law Offices of Andrew L. Packard 100 Petaluma Blvd North, Suite 301 Petaluma, California 94952 Tel. (707) 763-7227 Fax. (707) 763-9227

Email: Andrew@PackardLawOffices.com

And to:

Robert J. Tuerck, Esq.

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April 8, 2010 Page 14 of 12

Jackson & Tuerck P.O. Box 148 429 W. Main Street, Suite C Quincy, CA 95971

Tel: 530-283-0406 Fax: 530-283-0416

E-mail: Bob@JacksonTuerck.com

### VII. Penalties.

Pursuant to Section 309(d) of the Act (33 U.S.C. § 1319(d)) and the Adjustment of Civil Monetary Penalties for Inflation (40 C.F.R. § 19.4) each separate violation of the Act subjects the City of Redding, Mr. Kurt Starman, Mr. John Heath, Mr. Casey R. Scott and Mr. Andy Clemens to civil penalties of \$32,500 per day per violation for all violations occurring after March 15, 2004, and \$37,500 per day per violation for all violations occurring after January 12, 2009. In addition to civil penalties, CSPA will seek injunctive relief preventing further violations of the Act pursuant to Sections 505(a) and (d) (33 U.S.C. §1365(a) and (d)) and such other relief as permitted by law. Lastly, Section 505(d) of the Act (33 U.S.C. § 1365(d)), permits prevailing parties to recover costs and fees, including attorneys' fees.

CSPA believes this Notice of Violations and Intent to File Suit sufficiently states grounds for filing suit. We intend to file a citizen suit under Section 505(a) of the Act against the City of Redding, Mr. Kurt Starman, Mr. John Heath, Mr. Casey R. Scott and Mr. Andy Clemens for the above-referenced violations upon the expiration of the 60-day notice period. If you wish to pursue remedies in the absence of litigation, we suggest that you initiate those discussions within the next 20 days so that they may be completed before the end of the 60-day notice period. We do not intend to delay the filing of a complaint in federal court if discussions are continuing when that period ends.

Sincerely,

Bill Jennings, Executive Director

California Sportfishing Protection Alliance

### **SERVICE LIST**

Lisa Jackson, Administrator U.S. Environmental Protection Agency 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20460

Jared Blumenfeld Administrator, U.S. EPA – Region 9 75 Hawthorne Street San Francisco, CA, 94105

Eric Holder U.S. Attorney General U.S. Department of Justice 950 Pennsylvania Avenue, N.W. Washington, DC 20530-0001

Dorothy R. Rice, Executive Director State Water Resources Control Board 1001 I Street Sacramento, CA 95814 P.O. Box 100 Sacramento, CA 95812-0100

Pamela Creedon, Executive Officer Regional Water Quality Control Board Central Valley Region 11020 Sun Center Drive #200 Rancho Cordova, CA 95670-6114

Rick Duvernay, City Attorney City of Redding City Hall, 3<sup>rd</sup> Floor 777 Cypress Ave. Redding, CA 96001

## Notice of Intent to File Suit, West Central Landfill (Igo, CA) Significant Rain Events,\* April 8, 2005-April 8, 2010

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Dec.         27         2005         April         09         2006         Mar.         27         2007         Dec.         17         2007           Dec.         28         2005         April         10         2006         April         14         2007         Dec.         18         2007           Dec.         29         2005         April         11         2006         April         15         2007         Dec.         19         2007           Dec.         30         2005         April         12         2006         April         22         2007         Dec.         20         2007           Dec.         31         2005         April         13         2006         April         23         2007         Dec.         20         2007           Jan.         01         2006         April         15         2006         May         02         2007         Dec.         28         2007           Jan.         01         2006         April         15         2006         May         02         2007         Dec.         28         2007           Jan.         04         2006         April         15	Dec.	25	2005	•	06	2006	Feb.	27	2007	Dec.	04	2007
Dec.         28         2005         April         10         2006         April         14         2007         Dec.         18         2007           Dec.         29         2005         April         11         2006         April         15         2007         Dec.         19         2007           Dec.         30         2005         April         12         2006         April         22         2007         Dec.         20         2007           Dec.         31         2005         April         13         2006         April         23         2007         Dec.         28         2007           Jan.         01         2006         April         15         2006         May         02         2007         Dec.         28         2007           Jan.         01         2006         April         15         2006         May         02         2007         Dec.         28         2007           Jan.         03         2006         April         15         2006         May         02         2007         Dec.         30         2007           Jan.         04         2006         April         16<	Dec.	26	2005	April	80	2006	Feb.	28	2007	Dec.	07	2007
Dec.         29         2005         April         11         2006         April         15         2007         Dec.         19         2007           Dec.         30         2005         April         12         2006         April         22         2007         Dec.         20         2007           Dec.         31         2005         April         13         2006         April         23         2007         Dec.         28         2007           Jan.         01         2006         April         15         2006         May         02         2007         Dec.         28         2007           Jan.         01         2006         April         15         2006         May         02         2007         Dec.         28         2007           Jan.         01         2006         April         15         2006         May         02         2007         Dec.         28         2007           Jan.         04         2006         April         15         2006         May         04         2007         Jan.         04         2008           Jan.         11         2006         May         20	Dec.	27	2005	April	09	2006	Mar.	27	2007	Dec.	17	2007
Dec.         30         2005         April         12         2006         April         22         2007         Dec.         20         2007           Dec.         31         2005         April         13         2006         April         23         2007         Dec.         28         2007           Jan.         01         2006         April         15         2006         May         02         2007         Dec.         30         2007           Jan.         03         2006         April         16         2006         May         04         2007         Jan.         04         2008           Jan.         04         2006         April         17         2006         Oct.         01         2007         Jan.         05         2008           Jan.         11         2006         May         20         2006         Oct.         10         2007         Jan.         06         2008           Jan.         13         2006         May         21         2006         Oct.         12         2007         Jan.         08         2008           Jan.         14         2006         May         22	Dec.	28	2005	April	10	2006	April	14	2007	Dec.	18	2007
Dec.         31         2005         April         13         2006         April         23         2007         Dec.         28         2007           Jan.         01         2006         April         15         2006         May         02         2007         Dec.         30         2007           Jan.         03         2006         April         16         2006         May         04         2007         Jan.         04         2008           Jan.         04         2006         April         17         2006         Oct.         01         2007         Jan.         05         2008           Jan.         11         2006         May         20         2006         Oct.         10         2007         Jan.         06         2008           Jan.         13         2006         May         21         2006         Oct.         12         2007         Jan.         08         2008           Jan.         14         2006         May         22         2006         Oct.         13         2007         Jan.         09         2008           Jan.         18         2006         Oct.         05	Dec.	29	2005	April	11	2006	April	15	2007	Dec.	19	2007
Jan.         01         2006         April         15         2006         May         02         2007         Dec.         30         2007           Jan.         03         2006         April         16         2006         May         04         2007         Jan.         04         2008           Jan.         04         2006         April         17         2006         Oct.         01         2007         Jan.         05         2008           Jan.         11         2006         May         20         2006         Oct.         10         2007         Jan.         06         2008           Jan.         13         2006         May         21         2006         Oct.         12         2007         Jan.         08         2008           Jan.         14         2006         May         22         2006         Oct.         13         2007         Jan.         09         2008           Jan.         18         2006         Oct.         05         2006         Oct.         16         2007         Jan.         10         2008           Jan.         21         2006         Oct.         06	Dec.	30	2005	April	12	2006	April	22	2007	Dec.	20	2007
Jan.       03       2006       April       16       2006       May       04       2007       Jan.       04       2008         Jan.       04       2006       April       17       2006       Oct.       01       2007       Jan.       05       2008         Jan.       11       2006       May       20       2006       Oct.       10       2007       Jan.       06       2008         Jan.       13       2006       May       21       2006       Oct.       12       2007       Jan.       08       2008         Jan.       14       2006       May       22       2006       Oct.       13       2007       Jan.       09       2008         Jan.       18       2006       Oct.       05       2006       Oct.       16       2007       Jan.       10       2008         Jan.       21       2006       Oct.       06       2006       Oct.       17       2007       Jan.       12       2008         Jan.       27       2006       Nov.       01       2006       Oct.       19       2007       Jan.       13       2008	Dec.	31	2005	April	13	2006	April	23	2007	Dec.	28	2007
Jan.         04         2006         April         17         2006         Oct.         01         2007         Jan.         05         2008           Jan.         11         2006         May         20         2006         Oct.         10         2007         Jan.         06         2008           Jan.         13         2006         May         21         2006         Oct.         12         2007         Jan.         08         2008           Jan.         14         2006         May         22         2006         Oct.         13         2007         Jan.         09         2008           Jan.         18         2006         Oct.         05         2006         Oct.         16         2007         Jan.         10         2008           Jan.         21         2006         Oct.         06         2006         Oct.         17         2007         Jan.         12         2008           Jan.         27         2006         Nov.         01         2006         Oct.         19         2007         Jan.         13         2008	Jan.	01	2006	April	15	2006	May	02	2007	Dec.	30	2007
Jan.       11       2006       May       20       2006       Oct.       10       2007       Jan.       06       2008         Jan.       13       2006       May       21       2006       Oct.       12       2007       Jan.       08       2008         Jan.       14       2006       May       22       2006       Oct.       13       2007       Jan.       09       2008         Jan.       18       2006       Oct.       05       2006       Oct.       16       2007       Jan.       10       2008         Jan.       21       2006       Oct.       06       2006       Oct.       17       2007       Jan.       12       2008         Jan.       27       2006       Nov.       01       2006       Oct.       19       2007       Jan.       13       2008	Jan.	03	2006	April	16	2006	May	04	2007	Jan.	04	2008
Jan.       13       2006       May       21       2006       Oct.       12       2007       Jan.       08       2008         Jan.       14       2006       May       22       2006       Oct.       13       2007       Jan.       09       2008         Jan.       18       2006       Oct.       05       2006       Oct.       16       2007       Jan.       10       2008         Jan.       21       2006       Oct.       06       2006       Oct.       17       2007       Jan.       12       2008         Jan.       27       2006       Nov.       01       2006       Oct.       19       2007       Jan.       13       2008	Jan.	04	2006	April	17	2006	Oct.	01	2007	Jan.	05	2008
Jan.       14       2006       May       22       2006       Oct.       13       2007       Jan.       09       2008         Jan.       18       2006       Oct.       05       2006       Oct.       16       2007       Jan.       10       2008         Jan.       21       2006       Oct.       06       2006       Oct.       17       2007       Jan.       12       2008         Jan.       27       2006       Nov.       01       2006       Oct.       19       2007       Jan.       13       2008	Jan.	11	2006	May	20	2006	Oct.	10	2007	Jan.	06	2008
Jan.       18       2006       Oct.       05       2006       Oct.       16       2007       Jan.       10       2008         Jan.       21       2006       Oct.       06       2006       Oct.       17       2007       Jan.       12       2008         Jan.       27       2006       Nov.       01       2006       Oct.       19       2007       Jan.       13       2008	Jan.	13	2006	May	21	2006	Oct.	12	2007	Jan.	80	2008
Jan.       21       2006       Oct.       06       2006       Oct.       17       2007       Jan.       12       2008         Jan.       27       2006       Nov.       01       2006       Oct.       19       2007       Jan.       13       2008	Jan.	14	2006	May	22	2006	Oct.	13	2007	Jan.	09	2008
Jan. 27 2006 Nov. 01 2006 Oct. 19 2007 Jan. 13 2008	Jan.	18	2006	-	05	2006	Oct.	16	2007	Jan.		2008
		21	2006	Oct.	06	2006	Oct.	17	2007	Jan.		
Jan. 28 2006 Nov. 02 2006 Oct. 20 2007 Jan. 23 2008	Jan.	27	2006	Nov.	01	2006	Oct.	19	2007			
	Jan.	28	2006	Nov.	02	2006	Oct.	20	2007	Jan.	23	2008

<sup>\*</sup> Dates gathered from publicly available rain and weather data collected at stations located near the Facility.

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Jan.	25	2008	Mar.	02	2009	Dec.	27	2009	Feb.	13	2010
Jan.	26	2008	Mar.	03	2009	Dec.	28	2009	Feb.	14	2010
Jan.	27	2008	Mar.	04	2009	Dec.	29	2009	Feb.	15	2010
Jan.	28	2008	Mar.	05	2009	Dec.	30	2009	Feb.	16	2010
Jan.	30	2008	Mar.	15	2009	Dec.	31	2009	Feb.	17	2010
Jan.	31	2008	Mar.	16	2009	Jan.	01	2010	Feb.	18	2010
Feb.	01	2008	Mar.	17	2009	Jan.	02	2010	Feb.	19	2010
Feb.	02	2008	Mar.	22	2009	Jan.	03	2010	Feb.	20	2010
Feb.	03	2008	April	80	2009	Jan.	04	2010	Feb.	21	2010
Feb.	16	2008	April	09	2009	Jan.	05	2010	Feb.	21	2010
Feb.	17	2008	April	10	2009	Jan.	06	2010	Feb.	22	2010
Feb.	18	2008	May	02	2009	Jan.	07	2010	Feb.	23	2010
Feb.	19	2008	May	03	2009	Jan.	80	2010	Feb.	24	2010
Feb.	20	2008	May	04	2009	Jan.	09	2010	Feb.	25	2010
Mar.	29	2008	May	05	2009	Jan.	10	2010	Feb.	26	2010
April	23	2008	Oct.	13	2009	Jan.	11	2010	Feb.	27	2010
May	24	2008	Oct.	14	2009	Jan.	12	2010	Feb.	28	2010
May	25	2008	Oct.	15	2009	Jan.	13	2010	Mar.	01	2010
Oct.	04	2008	Oct.	19	2009	Jan.	14	2010	Mar.	02	2010
Oct.	31	2008	Oct.	20	2009	Jan.	15	2010	Mar.	03	2010
Nov.	01	2008	Nov.	06	2009	Jan.	16	2010	Mar.	04	2010
Nov.	02	2008	Nov.	18	2009	Jan.	17	2010	Mar.	05	2010
Nov.	03	2008	Nov.	21	2009	Jan.	18	2010	Mar.	06	2010
Nov.	04	2008	Dec.	01	2009	Jan.	19	2010	Mar.	07	2010
Dec.	15	2008	Dec.	02	2009	Jan.	20	2010	Mar.	08	2010
Dec.	19	2008	Dec.	03	2009	Jan.	21	2010	Mar.	09	2010
Dec.	22	2008	Dec.	04	2009	Jan.	22	2010	Mar.	10	2010
Dec.	24	2008	Dec.	05	2009	Jan.	23	2010	Mar.	11	2010
Dec.	28	2008	Dec.	06	2009	Jan.	24	2010	Mar.	12	2010
Dec.	30	2008	Dec.	07	2009	Jan.	25	2010	Mar.	13	2010
Jan.	02	2009	Dec.	08	2009	Jan.	26	2010	Mar.	14	2010
Jan.	22	2009	Dec.	09	2009	Jan.	27	2010	Mar.	15	2010
Jan.	23	2009	Dec.	10	2009	Jan.	28	2010	Mar.	16	2010
Feb.	06	2009	Dec.	11	2009	Jan.	29	2010	Mar.	17	2010
Feb.	09	2009	Dec.	12	2009	Jan.	30	2010	Mar.	18	2010
Feb.	11	2009	Dec.	13	2009	Jan.	31	2010	Mar.	19	2010
Feb.	12	2009	Dec.	14	2009	Feb.	01	2010	Mar.	20	2010
Feb.	13	2009	Dec.	15	2009	Feb.	02	2010	Mar.	21	2010
Feb.	14	2009	Dec.	16	2009	Feb.	03	2010	Mar.	22	2010
Feb.	15	2009	Dec.	17	2009	Feb.	04	2010	Mar.	23	2010
Feb.	16	2009	Dec.	19	2009	Feb.	05	2010	Mar.	24	2010
Feb.	17	2009	Dec.	20	2009	Feb.	06	2010	Mar.	25	2010
Feb.	18	2009	Dec.	21	2009	Feb.	07	2010	Mar.	26	2010
Feb.	22	2009	Dec.	22	2009	Feb.	80	2010	Mar.	27	2010
Feb.	23	2009	Dec.	23	2009	Feb.	09	2010	Mar.	28	2010
Feb.	24	2009	Dec.	24	2009	Feb.	10	2010	Mar.	29	2010
Feb.	26	2009	Dec.	25	2009	Feb.	11	2010	Mar.	30	2010
Mar.	01	2009	Dec.	26	2009	Feb.	12	2010	Mar.	31	2010

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April 01 2010 April 03 2010

April 02 2010

<sup>\*</sup> Dates gathered from publicly available rain and weather data collected at stations located near the Facility.