CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 94-069

WATER RECLAMATION REQUIREMENTS FOR:

CITY OF SUNNYVALE
SUNNYVALE WATER POLLUTION CONTROL PLANT
SUNNYVALE
SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board), finds that:

1. The City of Sunnyvale (hereinafter called Producer and User) filed a Report of Waste Discharge dated September 14, 1990, accompanied by a Technical Support Document, for the use of reclaimed water throughout the service area of the Water Pollution Control Plant (WPCP).

2. The Producer proposes to divert an estimated 4.4 million gallons per day (mgd) of tertiary-treated effluent from its Water Pollution Control Plant for landscape irrigation and impoundment, and for industrial reuse. Potential reclaimed water users and use areas have been identified as listed below and shown in Figures 1 and 2 (attached). Users are not required to limit the quantity of use to the estimated usage below. Other potential users may be identified in the future and added to the following list.

Users	Estimated Usage (mgd)
Phase I	1.0
Baylands Park	
Twin Creeks Sports Park	
Lockheed Corporation	
Moffett Field Golf Course and Agricultural Land	
Caltrans	
Municipal Golf Course	
Truck Fill Stations	
Phase II	1.2
North of State Route 237	
East Duane Industrial Area	
City Parks and Schools (North/Central Sunnyvale)	

Users (cont.)	Estimated Usage (mgd)
Phase III	0.35
Southwest Sunnyvale Parks, Playgrounds, and Homeowner Associations	
Phase IV	1.0
Cupertino/Los Altos Parks, Playgrounds, and Golf Courses	
Phase V	0.35
Southeast Sunnyvale Parks, Playgrounds, and Homeowner Associations	
Industrial Cooling Towers and Scrubbers (Phase I & II)	0.5
TOTAL	**4.4**

3. The Producer will authorize specific reuse projects located within the areas listed in Finding 2 of this Order on a case-by-case basis in accordance with an approved permit-based program of rules and regulations for reclaimed water Users. The Producer will design and incrementally install reclaimed water transmission facilities to serve these projects. Users will document compliance with all conditions of this Order and of Title 17 and Title 22 of the California Code of Regulations (CCR). Each User will demonstrate to the Producer the absence of cross-connections before being issued a permit. The Producer will maintain this information at its facility.

4. The Producer will continue to investigate other potential reuse strategies such as groundwater recharge, streamflow augmentation, and dual water supply for new construction. This will enable the Producer to move towards achieving a goal of reusing the maximum possible amount of reclaimed water.

5. The production and uses of reclaimed water are currently permitted under Order No. 91-043, adopted by the Board on March 20, 1991. On July 14, 1992, the Governor approved Assembly Bill No. 3012 (AB 3012), which added Section 13523.1 to the California Water Code, and authorizes regional boards to issue master reclamation permits to a supplier and/or distributor of reclaimed water in lieu of prescribing water reclamation requirements for a user of reclaimed water. AB 3012 also removes the requirement, except upon written request of a regional board, that Users file a report with a regional board to use reclaimed water from a supplier/distributor for whom a master reclamation permit has been issued. Similarly, AB 3012 exempts any such user of reclaimed water from the requirement to file a report with a regional board related to any material change in the character of the reclaimed water or its use. This Order is intended to be a master reclamation permit that is consistent with Section 13523.1.

6. Board Order No. 91-042 provided "blanket" authorization for tanker-truck distribution of reclaimed water and the expansion of existing fixed irrigation system projects already subject to water reuse requirements. Reclaimed water distribution at the truck fill stations operated by the Producer are currently permitted under Order No. 91-042.

7. This Order incorporates the requirements of Order No. 91-043 and Order No. 91-042, and therefore supersedes both Orders.

8. California Water Code Section 13512 states that it is the intention of the legislature that the State undertake all possible steps to encourage development of water reclamation facilities so that reclaimed water may be made available to help meet the growing water demands of the State.

   Section 13523 provides that a regional board, after consulting with and receiving the recommendations of the State Department of Health Services, and if it determines such action to be necessary to protect the public health, safety, or welfare, shall prescribe water reclamation requirements for water which is used or proposed to be used as reclaimed water. The use of reclaimed water for the purposes specified in Finding 2, could affect the public health, safety, or welfare, and requirements for those uses are, therefore, necessary in accordance with the California Water Code.

   In Section 13550, the Legislature defines the use of potable domestic water for non-potable uses, including but not limited to cemeteries, golf courses, parks, highway landscaped areas, irrigation, and industrial uses as a waste or an unreasonable use of such water within the meaning of Section 2 of Article X of the California Constitution when suitable reclaimed water is available.

   Section 13576(e) states that the use of reclaimed water has proven to be safe from a public health standpoint and that the State Department of Health Services is updating regulations for the use of reclaimed water.

9. This Order's requirements conform with and implement the water reclamation criteria of the State Department of Health Services (Title 22, Division 4, Chapter 3, Sections 60301-60355 of the California Code of Regulations [CCR]) to protect the public health, safety, and welfare.

10. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on December 17, 1986, prescribing water quality objectives for South San Francisco Bay and its tributaries. The Board amended its Basin Plan on September 16, 1992, and the State Water Resources Control Board (State Board) approved it on April 27, 1993, with approval from the State Office of Administrative Law pending. The Basin Plan supports water reclamation and further states that the disposal of wastewater to inland, estuarine, or coastal waters is not considered a permanent wastewater disposal solution where the potential exists for conservation and reclamation. The Basin Plan prescribes water quality objectives for reclaimed water, as well as for ground and surface waters of Santa Clara County. The Basin Plan identifies beneficial uses of the underlying groundwaters as:

- Industrial service and supply
- Municipal and domestic supply
- Agricultural supply

The Basin Plan identifies beneficial uses of the surface waters of South San Francisco Bay and its tributaries as:

- Water contact recreation
- Non-water contact recreation
- Wildlife habitat
- Preservation of rare and endangered species
- Estuarine habitat
- Fish migration
- Fish spawning
- Industrial service and process supply
- Shellfish harvesting
- Navigation
- Commercial and sport fishing

11. Effluent limitations of this Order are based on applicable CCR Title 22 regulations, the Basin Plan, current plant performance, and best professional judgment. The limitations are considered to be those attainable by best available technology, in the judgment of the Board.

12. The proposed uses of reclaimed water will maintain and enhance natural resources, and thus this Order is categorically exempt from the provisions of the California Environmental Quality Act in accordance with Title 14, California Administrative Code, Chapter 3, Section 15307.

13. The Board has notified the Users, Producer, and interested agencies and persons of its intent to amend water reclamation requirements for the proposed discharges, and has provided them with an opportunity for a public hearing and to submit their written views and recommendations.

14. The Board, at a public meeting, heard and considered all comments pertaining to these proposed uses of reclaimed water.

IT IS HEREBY ORDERED, that the City of Sunnyvale (Producer and User) and Users who have Producer-approved Reclaimed Water Use permits pursuant to this Order, in order to meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder, shall comply with the following:

A. <u>Reclaimed Water Quality Specifications</u>

1. Unrestricted Quality (Disinfected Tertiary) Reclaimed Water

The Producer shall assure that reclaimed water used for uses allowed under Title 22 for disinfected tertiary reclaimed water shall be an adequately oxidized, coagulated,

filtered, and disinfected water (as defined in latest version of CCR Title 22, Division 4, Chapter 3, Sections 60301-60335) that meets the following quality limits at all times:

a.	CBOD (5-day, 20°C)	20 mg/L daily maximum 10 mg/L monthly average
b.	Dissolved Oxygen	1.0 mg/L minimum
c.	Dissolved Sulfide	0.1 mg/L maximum
d.	Turbidity	2 NTU maximum daily average operating turbidity and not exceeding 5 NTU.
e.	Total coliform bacteria	At any point downstream of the disinfection facilities after adequate contact with disinfectant, the median number of total coliform organisms shall not exceed 2.2 MPN/100 mL as determined from the bacteriological results of the last seven (7) days for which analyses have been completed, and the number of total coliform organisms shall not exceed 23 MPN/100 mL in any sample.

2. Restricted Quality Reclaimed Water (23 MPN - Disinfected Secondary)

The Producer shall assure that reclaimed water to be used for uses allowed under Title 22 for disinfected secondary water, such as landscape irrigation where the public has restricted access or exposure, shall at a minimum be an adequately oxidized and disinfected water that meets the following quality limits prior to delivery for any such use at all times:

a.	CBOD (5-day, 20°C)	20 mg/L daily maximum 10 mg/L monthly average
b.	Dissolved Oxygen	1.0 mg/L minimum
c.	Dissolved Sulfide	0.1 mg/L maximum
d.	Total coliform bacteria	At any point downstream of the disinfection facilities after adequate contact with disinfectant, the median number of total coliform organisms shall not exceed 23 MPN/100 mL as determined from the bacteriological results of the last seven (7) days for which analyses have been completed, and the number of total coliform organisms shall not exceed 240 MPN/100 mL in any two consecutive samples.

3. The Producer shall discontinue delivery of reclaimed water to Users during any period in which it has reason to believe that the limits for that use as specified in A.1 or A.2 of this Order are not being met. The delivery of reclaimed water shall not be resumed until all conditions which caused the limits to be violated have been corrected.

4. The State Department of Health Services is currently revising the Title 22 regulations for water reuse. When revised regulations are finalized, the Executive Officer may authorize changes to the restricted and unrestricted reclaimed water uses consistent with those regulations.

B. Prohibitions

1. The treatment, storage, distribution, or reuse of reclaimed water shall not create a nuisance as defined in section 13050(m) of the California Water Code.

2. No reclaimed water used for irrigation shall be applied during periods of rainfall or when soils are saturated such that runoff occurs.

3. No reclaimed water used for irrigation shall be allowed to escape to areas outside the designated use areas by surface flow or by airborne spray.

4. Spray, mist, or runoff shall not enter a dwelling, food handling facility, or a place where the public may be present and shall not contact any drinking fountain.

5. No reclaimed water shall be discharged from the treatment facilities, irrigation holding tanks, storage ponds, or other containment, other than for irrigation or industrial reuse in accordance with this Order or for discharge to a municipal sewage collection system.

6. Reclaimed water shall not be used as a domestic or animal water supply. There shall be no cross-connections between the potable water supply and pipes containing reclaimed water. Supplementing reclaimed water with water used for domestic supply shall not be allowed except through an air-gap separation. In accordance with CCR Title 17, Section 7604, a reduced pressure principle backflow device shall be provided at premises where reclaimed water is used and there is no interconnection with the potable water system. This requirement does not apply to individual residences using reclaimed water for landscape irrigation as part of an approved dual plumbed use area as defined in CCR Title 22, Section 60312.

C. Provisions

1. Order No. 91-043 is hereby rescinded. This Order supersedes Order 91-042 for all uses specified by that Order.

2. The Producer will establish and enforce rules and regulations for reclaimed water Users, governing the design and construction of reclaimed water use facilities and the use of reclaimed water, in accordance with the uniform statewide reclamation criteria established pursuant to California Water Code Section 13521, and subject to Executive Officer review and approval. The Producer will also develop and submit for approval administrative procedures specifying how the reclaimed water rules and regulations and permit-based system for regulating users will be implemented.

3. Reclaimed Water Use permits, issued by the Producer in accordance with approved

rules and regulations, form the basis of permitted reclaimed water use by specific Users. Reclaimed Water Use permits shall specify self-monitoring requirements for each User. If someone other than the User is responsible for applying the reclaimed water (Distributor), e.g. a truck hauler, then the User shall inform them of these requirements in a written permit or other suitable manner. A Distributor shall fill out a Reclaimed Water Release Form when receiving reclaimed water from the Producer.

4. A copy of the Reclaimed Water Use permit and this Order must be provided to the Users by the Producer. The Users must have these available at all times for inspection by Regional Board staff, the Producer, or State/County Health Officers. The Distributors must carry the Reclaimed Water Release Form at all times.

5. The Producer shall comply with the self-monitoring program as adopted by the Board and as may be amended by the Executive Officer. The Producer is responsible for collecting reports from Users. Users are responsible for submitting on-site observation reports and use data to the Producer, who will compile and file self-monitoring reports with the Regional Board.

6. The Producer will be responsible for ensuring that reclaimed water meets the quality standards of this Order and for operation and maintenance of major transport facilities and associated appurtenances. Users will be responsible for the application of reclaimed water on their respective use areas and associated operations and maintenance. The Producer will conduct periodic inspections of User facilities to monitor compliance with conditions of the Producer's issued permit and this Order.

7. The Producer and Users shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the Producer or Users to achieve compliance with the water reclamation requirements.

8. The Producer and Users shall provide employee training to assure proper operation of reclamation facilities, worker protection, and compliance with this Order. In accordance with CCR Title 17, Section 7586, each User shall designate a Reclaimed Water Supervisor responsible for compliance with permit conditions.

9. The Producer shall assure that the backflow preventers are in proper working order by testing initially and annually thereafter, in accordance with CCR Title 17, Section 7605. Reports of testing and maintenance shall be maintained by the Producer.

10. The Producer and Users shall assure that all above ground equipment, including pumps, piping, storage reservoir, and valves, etc. which may at any time contain reclaimed water shall be adequately and clearly identified with warning signs. The Producer and Users shall make all necessary provisions to inform the public that the liquid being distributed is reclaimed water and is unfit for human consumption.

11. Reclamation facilities shall be operated in conformance with the California Department of Health Services' "Guidelines for Use of Reclaimed Wastewater for Irrigation and Impoundment," "Guidelines for Worker Protection at Reclamation Use

Areas," the American Water Works Association, California-Nevada Section's *Guidelines for the Distribution of Non-potable Water*, and the Producer's approved reclaimed water use rules and regulations and administrative procedures.

12. The Producer and Users shall permit the Board or its authorized representative in accordance with California Water Code Section 13267(c):

    a. Entry upon premises where a regulated facility or activity is located or conducted, or where records are kept under the conditions of the Order.

    b. Access to and copy of any records that must be kept under the conditions of this Order.

    c. Inspection of any facility, equipment (including monitoring and control equipment), practices, or operations regulated or required under this Order.

    d. To photograph, sample, and monitor for the purpose of assuring compliance with this Order.

13. The Board will revise this Order periodically and may revise these requirements when necessary.

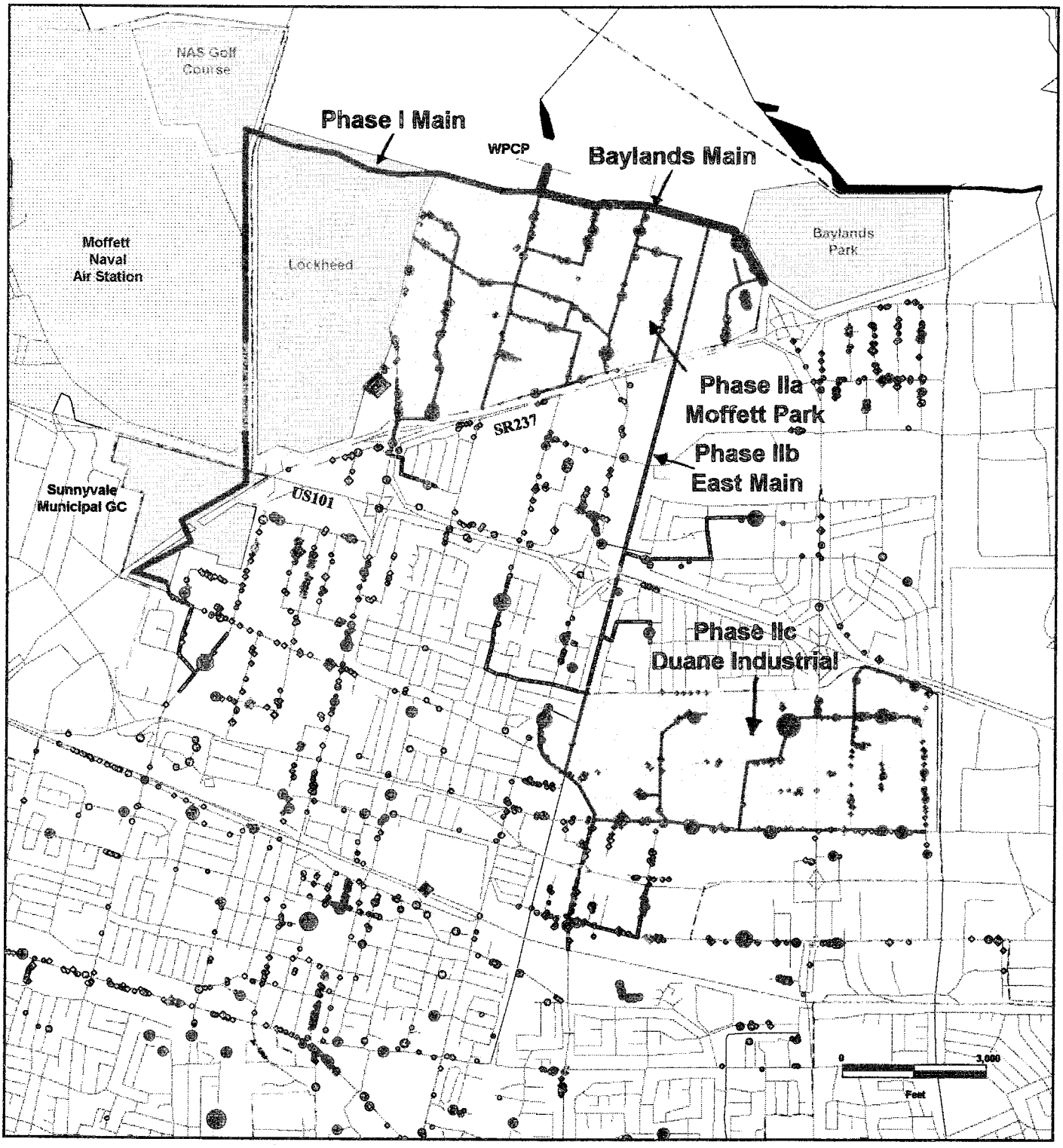
I, Steven R. Ritchie, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on June 15, 1994.

STEVEN R. RITCHIE
EXECUTIVE OFFICER

Attachments:

A. Figures 1 and 2 -- Sunnyvale WPCP Water Reclamation Reuse Areas
B. DOHS Guidelines for Use of Reclaimed Wastewater for Irrigation and Impoundment
C. DOHS Guidelines for Worker Protection at Water Reclamation Use Areas
D. Self-Monitoring Program

File No. 2189.8382 (SMM)



N	**Water Recycling Program** **Phase I & II Pipelines and** **Non-Residential Landscape Demand** City of Sunnyvale	**Legend** Phase I & Baylands Phase IIa, b, & c Demand (CCF) 1 100,000 Existing Landscape Estimated Landscape	Figure No. 1 EOA, Inc. 02/09/94

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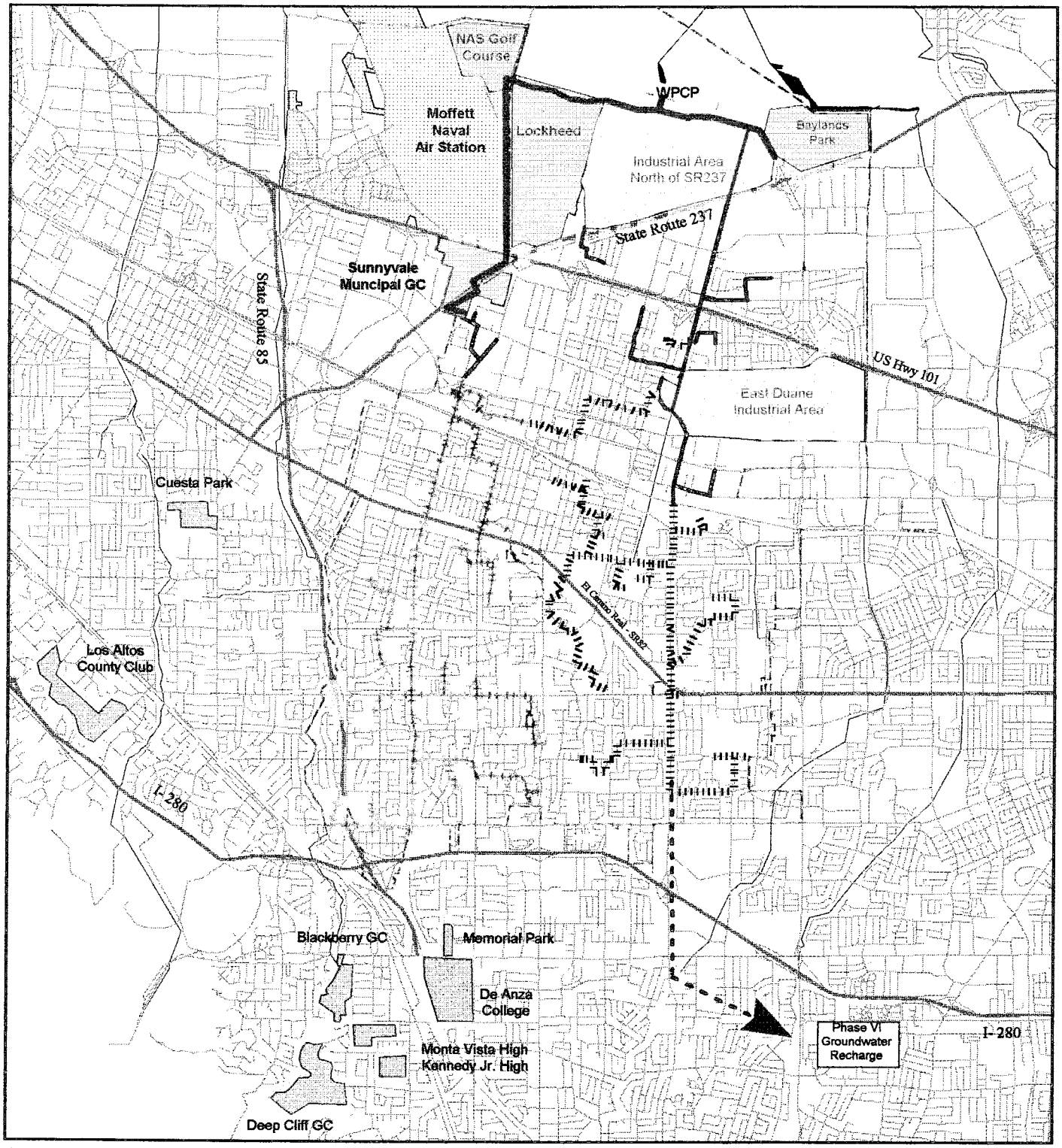

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Water Recycling Program
Draft Conceptual Master Plan
Pipeline Phasing Alternatives

City of Sunnyvale

Legend

- Phase I - Baylands, LMSC Municipal GC, Moffett GC, & US101
- Phase II - Partial North SR237 & East Duane Industrial Areas
- Phase III - West Header Parks, Playgrounds & HOA's
- Phase IV - Cupertino/Los Altos Extensions (Golf Courses & Parks)
- Phase V - East Header Parks, Playgrounds & HOA's

Figure No. 2

EOA, Inc.

02/09/94

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CALIFORNIA REGIOANL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

CITY OF SUNNYVALE
SUNNYVALE WATER POLLUTION CONTROL PLANT
RECYCLED WATER PROGRAM
SANTACLARA COUNTY

ORDER 94-069

(Revised on December 28, 1999, consisting of Attachments C and D from General Water Reuse Requirements, Order No. 96-011)

ATTACHMENT C

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

Order No. 96–011

A. GENERAL

Reporting responsibilities of water recycling agencies are specified in Sections 13255(a), 13267(b), 13268, 13383, and 13387(b) of the California Water Code and this Regional Board's Resolution No. 73-16.

The principal purposes of a monitoring program by water recyclers, also referred to as the self-monitoring program, are:

1) To document compliance with water quality requirements and prohibitions established by this Regional Board; and

2) To facilitate self-policing by the water recyclers.

B. RECYCLED WATER MONITORING

A Producer shall develop and implement a water reuse monitoring program. When the User(s) is other than the Producer, delegation of responsibilities must be clearly spelled out and included in the Producer's Water Use Permits.

Recycled Water Effluent Quality – Producer Program

The Producer's self-monitoring program is applicable during periods when recycled water is in use. The SMP program shall include the observations, sampling, measurements, and analyses prescribed in Table 1.

Description of Sampling and Observation Stations

a. Recycled Water

Station	Description
E-001	Location at the wastewater treatment plant where a representative sample of treated effluent being diverted for reuse can be obtained and total diverted flow can be measured.

Monitoring of Recycled Water Users - Producer/User Program

Self-Monitoring Program

The Producer will set individual user monitoring requirements based on the size, volume used, complexity, etc. of each use area. Producer conducted monitoring, or user self-monitoring if approved by the Producer, shall be conducted at least annually.

All recycled use areas, while recycled water is being used, shall beinspected at a frequency, specified by the Producer's Water Reuse Permit , for the following deficiencies or violations of use:

1. Standard Observations

   a. Evidence of runoff of recycled water from the site (show affected area on a sketch, estimate volume).

   b. Odor of wastewater origin from irrigation site. If present, indicate apparent source, characterization,and direction of travel.

c. Evidence of ponding of recycled water, and evidence of mosquitoes breeding within the irrigation area due to ponded water.

d. Warning signs properly posted to inform public that irrigation or water use is recycled water which is not safe for drinking.

e. Evidence of leaks or breaks in the irrigation system pipelines or tubing.

f. Evidence of broken, or otherwise faulty drip irrigation system emitters or spray irrigation sprinklers.

g. Evidence of overflows, leaks, erosion of dikes, etc. of storage pond(s) or impoundment(s).

All violations shall be followed by a discussion of when and how deficiences were corrected.

2. Description of Sampling and Observation Stations

a. Land Observation Stations

Station	Description
L-1 to L-n	Locations at a sufficient number of points at reuse areas in order to ensure compliance with water reuse requirements.

b. Impoundment Stations

Station	Description
P-1 to P-n	Locations at points along the periphery of each storage, ornamental, golf course, or other pond or impoundment.

Inspection Program

A Producer shall also conduct periodic random inspections of Users to ensure compliance with DHS reuse criteria and the Water Reuse Permit. Inspections shall be performed when recycled water is being used. Any significant repairs or modifications made to the system involving compliance with this Order shall be described in the Annual Report.

C. REPORTING REQUIREMENTS

1. Significant Violation Reporting

Violations of the DHS reuse criteria that impact or threaten to impact public health or water quality shall be reported to the Board by phone within 24 hours, followed by a written report within 15 days describing corrective actions taken.

2. Annual Report to the Regional Board

An annual report for each calender year shall be submitted to the Board by the Producer by March 15 of each year. The report shall contain a statement by the reporting official, under penalty of perjury, that to the best of the signer's knowledge the report is true and correct.

The report shall include:

a. Tabulation of SMP recycled water analyses (see Table 1).

b. A tabular summary of recycled water use by billing period by each User.

c. A list of new authorized recycled water Users, including the name of customers, application, source and projected annual flow to be delivered.

d. A summary of the total daily recycled water delivered by the Producer.

e. Tabulation of User site inspections conducted by the Producer.

f. A summary of effluent violations related to recycled water use, violations found during inspection of reuse sites, corrective actions taken and any changes to, or revoking of User authorizations by the Producer.

In addition there shall be a comprehensive discussion of the progress and results of the water recycling program. The discussion shall also include:

g. An update regarding current and future development of the water recycling program, including planning, design and construction of facilities, preparation of required reports and technical documents and progress toward regulatory approvals.

h. Progress and evaluation of any special studies or projects being undertaken related to the program.

I, Loretta Barsamian, Executive Officer, do hereby certify that the foregoing Self-Monitoring Program is effective on the date shown below and may be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the Producers. Revisions to the SMP will be authorized in writing by the Executive Officer.

Loretta K. Barsamian

Loretta K. Barsamian
Executive Officer

Attachment:
Table 1 – Producer Schedule for Sampling, Measurements, and Analyses

File No. 2107.00

January 17, 1996

Table 1: Producer's Schedule Sampling & Analyses

	E-001		All L	All P
TYPE OF SAMPLE	Grab	Cont.	Obs.	Obs.
Flow Rate (gallons/day)		D	D*	D*
Total Coliform (MPN/100ml)	D**/#			
Turbidity (NTU)		D**/#		
Dissolved Oxygen (mg/l)	3/W**			
Dis. Sulfides (mg/l) (if DO <1mg/l)	3/W**			
Appl. Stand. Observations			A***	A***

LEGEND FOR TABLE 1

Type of Sample

Grab = Instantaneous grab sample
Cont. = Continuous monitoring (recorder)
Obs. = Observation

Sampling Frequency

D = Daily
3/W = Three times per week
A = Annually

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* Records of recycled water use at each site may be compiled from billing period readings (divided by number of days to obtain daily flow) and submitted with the annual report.

** Equivalent routine effluent (NPDES/WDR) monitoring data collected on days and during times (grab samples) recycled water is being produced can be submitted in fulfillment of these requirements.

*** User sites to be inspected a minimum of annually for "Applicable Standard Observations" based on the size and complexity of each site in accordance with the Producer's Water Reuse Program.

\# Unless current NPDES or WDR sampling frequency is less. Turbidity would apply to tertiary water only and is based on a 24-hour composite sample.

ATTACHMENT D

STANDARD PROVISIONS
&
REPORTING REQUIREMENTS

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

January 1996

STANDARD PROVISIONS AND REPORTING REQUIREMENTS

for

WATER REUSE ORDERS

A. GENERAL PROVISIONS

1. Duty to Comply

   a. A water recycler must comply with all of the conditions of this Order. Any Order noncompliance constitutes a violation of the Porter-Cologne Water Quality Control Act and/or Basin Plan and is subject to enforcement action.

   b. The filing of a request by the Producer for an Order modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any Order condition.

2. Duty to Mitigate

   The Producer shall take all reasonable steps to minimize or prevent any discharge in violation of this Order which has a reasonable likelihood of adversely affecting public health or the environment, including such accelerated or additional monitoring as requested by the Board or Executive Officer to determine the nature and impact of the violation.

3. Property Rights

   This Order does not convey any property rights of any sort or any exclusive privileges. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from liabilities under federal, state or local laws.

4. Duty to Provide Information

   The Producer shall furnish, within a reasonable time, any information the Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the Order. The Producer shall also furnish to the Board, upon request, copies of records required to be kept by its Order.

5. Availability

   A copy of this Order shall be maintained at Producer and distributor facilities and be available at all times to operating personnel.

B. TREATMENT RELIABILITY

1. The Producer shall, at all times, properly operate and maintain all facilities and systems of treatment disposal and control (and related appurtenances) which are installed or used by the Producer to achieve compliance with this Order. Proper operation and maintenance also includes adequate laboratory controls and appropriate quality assurance procedures. All of these procedures shall be described in an Operation and Maintenance Manual. The Producer shall keep in a state of readiness all systems necessary to achieve compliance with the conditions of this Order. All systems, both those in service and reserve, shall be inspected and maintained on a regular basis. Records shall be kept of the tests and made available to the Board.

2. Recycled water treatment facilities subject to this Order shall be supervised and operated by persons possessing certificates of appropriate grade pursuant to Division 4, Chapter 14, Title 23 of the California Code of Regulations. (See Definition E. 4)

C. GENERAL REPORTING REQUIREMENTS

1. Signatory Requirements

a. All reports required by the order and Order and other information requested by the Board shall be signed by a principal owner or operator, or by a duly authorized representative of that person.

Duly authorized representative is one whose:

1) Authorization specifies either an individual or a position having responsibililty for the overall operation of the regulated facility or activity, such as general manager in a partnership, manager, operator of a well or a well field, superintendent, positon of equivalent responsibility, or an individual or positon having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named positon.); and

2) Written authorization is submitted to the Board. If an authorization becomes no longer accurate because a different individual or positon has responsibililty for the overall operation of the facility, a new authorization satisfying the requirements above must be submitted to the Board prior to or together with any reports, information, or applications to be signed by an authorized representative.

b. Certification

All reports signed by a duly authorized representative under Provision C.1.a. shall contain the following certification:

"I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

2. Should the responsible reporting party discover that it failed to submit any relevant facts or that it submitted incorrect information in any report, it shall promptly submit the missing or correct information.

3. False Reporting

   Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this Order, including monitoring reports or reports of compliance or noncompliance shall be subject to enforcement procedures as identified in Section D of these Provisions.

D. ENFORCEMENT

1. The provision contained in this enforcement section shall not act as a limitation on the statutory or regulatory authority of the Board.

2. Any violation of the Order constitutes violation of the California Water Code and regulations adopted thereunder and is the basis for enforcement action, Order termination, Order revocation and reissuance, denial of an application for Order reissuance; or a combination thereof.

3. The Board may impose administrative civil liability, may refer a discharger to the State Attorney General to seek civil monetary penalties, may seek injunctive relief or take other appropriate enforcement action as provided in the California Water Code for violation of Board orders.