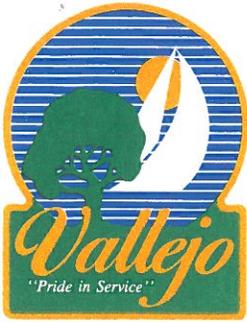


## **Appendix H: Public Services Provider Response Letters**



# CITY OF VALLEJO

Water Division

202 FLEMING HILL ROAD  
website: [www.ci.vallejo.ca.us](http://www.ci.vallejo.ca.us)

• VALLEJO

• CALIFORNIA

• 94589-2337

• (707) 648-4307

FAX (707) 648-4060

November 8, 2011

Angela C. McIntire  
Michael Brandman Associates  
2000 - O St., Ste. 200  
Sacramento, CA 95811

**SUBJECT:** Request for Data Concerning Potential Impacts to Vallejo's Water System for the Solano 360 Development  
**FILE:** (DF) Solano County Fairgrounds Redevelopment

Dear Ms. McIntire:

This letter refers to your letter dated October 10, 2011 concerning the Solano 360 Specific Plan Environmental Impact Report Water Division questionnaire. Following are the responses to the questions:

1. The City of Vallejo water service area includes the City of Vallejo area.
2. See attached description and map prepared by Mills Corporation.
3. The City has no plans for future expansion of the water mains in this area.
4. In order to determine if the existing water mains can provide water service to this development or if new mains are required, detailed engineering calculations need to be done.
5. Off site and on site water pipes and related equipment will be designed in accordance with the City of Vallejo Water Division design standards and the City of Vallejo Fire Department. The following is a list of items to which the proposed water supply system must comply with:
  - California Waterworks Standards – Section 64630, Title 22, California Administrative Code
  - Uniform Plumbing Code
  - "Water System Master Plan and Hydraulic Network Analysis, City of Vallejo 1985" including modifications by Kennedy/Jenks Engineers

TO: Angela C. McIntire, Michael Brandman Associates  
SUBJECT: Request for Data Concerning Potential Impacts to Vallejo's Water System for the Solano 360 Development  
FILE: (DF) Solano County Fairgrounds Redevelopment  
DATE: November 8, 2011

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PAGE -2-

- City of Vallejo Municipal Code Chapter 11
- City of Vallejo Standard Specifications, latest edition
- City of Vallejo Fire Department and current Fire Code regulations
- Approved Subdivision Agreement

See attached water meter cost schedule for cost of services. Columns 4 and 5 can be disregarded. The development shall fund all new water facilities required for this development.

6. At this point in time, there are no known adverse impacts to the City's water system.
7. A water supply assessment, per SB610, shall be prepared for this development.
8. The City Water Division contact person is Eric Jansen at (707) 648-5204 or [ejansen@ci.vallejo.ca.us](mailto:ejansen@ci.vallejo.ca.us).

Sincerely,



ERIC JANSEN  
Senior Civil Engineer

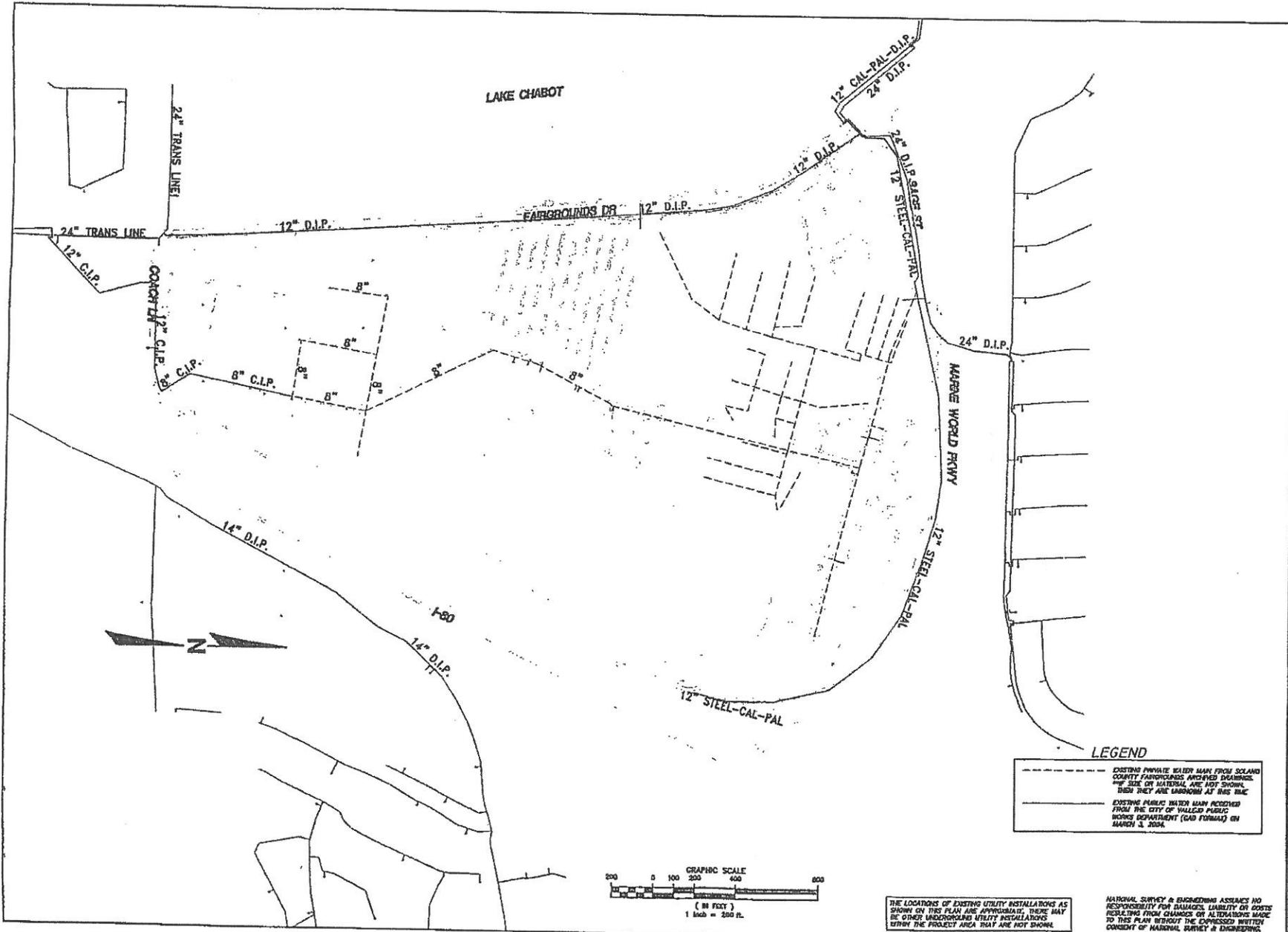
EJ/bo'l

cc: Franz Nestlerode, Interim Water Superintendent  
PW Chron

Attachments

## WATER SERVICE

Existing watermain facilities exist adjacent to the site along Coach Lane, Fairgrounds Drive and Sage Street. To the north, a 24" potable water main runs in from across HWY 37, west along Sage Street to Fairgrounds Drive before running off to the west. A 12" water line, which according to the City of Vallejo Water Division is part of a separate non-potable water system, runs in from the west, also at the intersection Fairgrounds Drive and Sage Street. The 12" line enters the site at the southeast corner of Fairgrounds Drive and Sage Street and runs east along the north boundary of the fairgrounds property. This 12" non-potable water line apparently feeds the onsite irrigation network. A 12" potable water line taps the 24" potable water line at the southeast corner of Fairgrounds Drive and Sage Street and runs south along the entire western boundary of the property before connecting to a 24" water line at the intersection of Fairgrounds Drive and Coach Lane. A 12" water line taps the 24" water line at a point approximately 500 feet south of Fairgrounds Drive and Coach Lane. and runs through the property to the south before intersecting with Coach Lane, 250 feet east of Fairgrounds Drive. The 12" water line runs east along Coach Lane and terminates at the southeast corner of the property. An 8" water line taps the 12" water line at this point and runs into the site. The onsite system consists of a network of water service line and irrigation system lines. The locations of the onsite system lines has been compiled from archived Solano County Fairgrounds facility plans.



**MILLS**

The Mills Corporation  
 1000 Wilson Blvd., Suite 400  
 Arlington, VA 22209  
 713-514-3000

**SOLANO CO. FAIRGROUNDS**

City of Walnut, Solano County, Ca

Holland Survey & Engineering

Phone: 530-424-2200



Sheet No. \_\_\_\_\_

Name/Personnel \_\_\_\_\_

Description \_\_\_\_\_

Date \_\_\_\_\_

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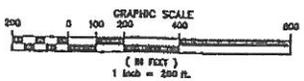
\_\_\_\_\_

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**LEGEND**

--- EXISTING PRIVATE WATER MAIN FROM SOLANO COUNTY FAIRGROUNDS ADOPTED DRAWINGS. IF SIZE OR MATERIAL ARE NOT SHOWN, THEN THEY ARE LABORATORY AT THIS TIME.

--- EXISTING PUBLIC WATER MAIN RECEIVED FROM THE CITY OF WALNUT PUBLIC WORKS DEPARTMENT (CAD FORMAT) ON MARCH 3, 2004.



THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

HOLLAND SURVEY & ENGINEERING ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF HOLLAND SURVEY & ENGINEERING.

**WATER METER COST SCHEDULE**  
Effective July 1, 2012 through June 30, 2013

METER SIZE	MAX FLOW	INSTALLATION		BACKFLOW DEVICE		(4) ELEV. (B) STORAGE	(5) LAKES DIST.	CAPACITY CHARGES	
		(1) TAP	(2) SET	(3) DOUBLE CHECK	(3) REDUCED PRESSURE			(6A) WATER FAC. PMT.	(6B) FLEM. HILL FAC. PMT.
5/8" (A)	20	\$4,999.23	\$471.60	\$962.92	\$1,063.85	\$1,300.00 (C)	\$18,630.00 (D)	\$5,590.00 (D)	\$2,700.00 (D)
3/4"	30	\$5,025.00	\$496.30	\$962.92	\$1,063.85	\$1,781.00	\$18,630.00	\$5,590.00	\$2,700.00
1"	50	\$5,380.41	\$541.40	\$1,123.66	\$1,243.35	\$1,976.00	\$37,250.00	\$11,732.00	\$4,838.00
1 1/2"	100	\$6,336.05	\$1,373.98	\$1,664.99	\$1,824.98	\$4,056.00	\$71,860.00	\$23,176.00	\$9,964.00
2"	160	\$7,074.79	\$1,998.58	\$2,043.53	\$2,193.85	\$6,149.00	\$114,970.00	\$38,007.00	\$15,013.00
3"	320	ACTUAL COST				\$11,427.00	\$215,560.00	\$71,518.00	\$27,892.00
4"	500	ACTUAL COST				\$17,238.00	\$359,270.00	\$123,513.00	\$42,167.00
6"	1000	ACTUAL COST				\$29,068.00	\$718,530.00	\$260,378.00	\$70,972.00
8"	1500	ACTUAL COST					\$1,149,640.00	\$423,702.00	\$106,458.00
10"	2000	ACTUAL COST					\$1,652,600.00	\$620,166.00	\$141,944.00
12"	2500	ACTUAL COST					\$3,089,640.00	\$1,247,380.00	\$177,430.00

For a FIRE SERVICE there are no capacity charges or elevated storage fees, but a deposit of \$7,000 for a 4", \$8,000 for an 6", \$9,000 for a 8-inch or \$11,000 for a 10-inch fire service, is applied against the itemized billing of the actual cost to install the corresponding double check detector assembly.

Additional fees which may be required:

1. Abandoning a water service - cost shall be from \$1,000 to \$3,000 depending on the volume of traffic in the street and the amount of traffic control required.
2. Solano County requires the City to pay an encroachment permit fee of \$600.00 for excavation into County streets and Right-Of-Way.

**NOTES**

(1) Cost for tapping the main and installing the service and meter within the right of way.

(2) Cost of meter installation if the box is in place and the service is connected to the main.

(3) A backflow device approved by the Water Division is required on domestic services for multi-family dwellings, commercial services, and irrigation services. It is also required for other services where in the judgement of the Water Superintendent, a pollution or contamination condition could exist.

(4) This is the additional prorata cost of pumping and storing if the installation is at a higher elevation than can be served by the City wide "grid" pressure area.

(5) The prorata cost of installations that are in the Lakes service area.

(6A) Prorata cost of providing capital reserve for the Vallejo service area.

(6B) Prorata cost of improvements at the Fleming Hill Water Treatment Plant for the Vallejo service area.

(A) 5/8" meter only available to replace existing service, not applicable to new commercial or residential services.

(B) The 400 Zone elevated storage deposit is \$8,000 per residential dwelling unit. \$8,000 per meter equivalency for non-residential services.  
The Burnham Zone elevated storage deposit is \$9,000 per residential dwelling unit; \$9,000 per meter equivalency for non-residential services.  
The 400 Zone and Burnham Zone elevated storage deposit will be in lieu of elevated storage fees.

(C) Applies to each family dwelling units above the "grid" elevation.

(D) Applies to each family dwelling unit regardless of meter size.

THE ABOVE FIGURES ARE TO BE USED ONLY AS GUIDELINES. OFFICIAL ESTIMATES OF WATER CONNECTION FEES SHOULD BE REQUESTED THROUGH THE OFFICE OF THE WATER SUPERINTENDENT.



# CITY OF VALLEJO

## DEPARTMENT OF PUBLIC WORKS Engineering Division

555 SANTA CLARA STREET P.O. BOX 3068 VALLEJO CALIFORNIA 94590-5934 707-648-4315  
Web Site: [www.ci.vallejo.ca.us/](http://www.ci.vallejo.ca.us/) FAX 707-648-4691

October 18, 2011

Angela C McIntire, J.D.  
Environmental Analyst  
Michael Brandman Associates  
2000 "O" Street, Suite 200  
Sacramento, CA 95811

SUBJECT: Solano 360 Specific Plan Environmental Impact Report  
Vallejo Recycling and Solid Waste Questionnaire Response

Dear Ms. McIntire:

I am responding to your Recycling and Solid Waste inquiry dated October 10, 2011, for the Solano 360 Specific Environmental Impact Report. Listed below are the answers to the questionnaire:

1. Existing Facilities - The Devlin Road Transfer Station, which is located at 889 Devlin Road, American Canyon, CA. This is the facility that would likely serve the project site. In addition, it is the location that the City of Vallejo and Unincorporated Vallejo County franchise waste haulers use for solid waste disposal. Waste from Devlin Road Transfer Station is transferred to Keller Canyon Landfill in Contra Costa County.
2. Current Capacity of Facility - Devlin Road is permitted for 1440 tons per day. The current permit is to be reviewed in 2015. Keller Canyon Landfill current capacity is 59 Million Cubic Yards, for 65 years. Unfortunately, I was not able to obtain the tons per day information for Keller Canyon Landfill. However, I am sure that Keller Canyon Landfill will be able to support this project.
3. Future Capacity - The Devlin Road Recycling and Transfer Facility is currently operating at 900 tons per day under the 1440 tons per day capacity. A complete engineering study of the Devlin Road Facility was awarded to Barteltt Engineering which will identify future capital improvements that will be addressed over the next 3 to 5 years.
4. Transport - Devlin Road Recycling is open to the public and all contractors. The Franchise hauler for the City of Vallejo is Recology of Vallejo which is one option for transportation.
5. Impacts and Mitigation - Any projects commissioned at Devlin Road Recycling and Transfer Facility will be designed to extend the life of the facility and to add capacity.



Michael Brandman Associates

Subject: Solano 360 Specific Plan Environmental Impact Report  
Vallejo Recycling and Solid Waste Questionnaire Response

October 18, 2011

Page 2

6. Other Information. The Devlin Road Recycling and Transfer Facility operates a C&D sort line and is dedicated to diverting tonnage from landfills.

Contact Information:

Devlin Road Recycling and Transfer Facility  
Steve Kelley, General Manager  
889 Devlin Road, American Canyon, CA 94503.  
(707) 256-3500 ext. 1222  
[SteveK@DevlinRoadRecycling.com](mailto:SteveK@DevlinRoadRecycling.com)

Keller Canyon Landfill  
Lalania Fernandez, Customer Service Manager | Republic Services, Inc.  
901 Bailey Road, Pittsburg, CA 94565  
(925) 458-9800 ext. 17  
[lfernandez@republicservices.com](mailto:lfernandez@republicservices.com)

If you have any additional questions or need more information, please contact me (707) 648-5346 or via email [dcrutchfield@ci.vallejo.ca.us](mailto:dcrutchfield@ci.vallejo.ca.us)

Thank you,



DEREK CRUTCHFIELD  
Recycling Coordinator

cc: PW Chron



**From:** "Rolf Ohlemutz" <Rohlemutz@vsfcd.com>  
**To:** "Chryss Meier" <CMeier@brandman.com>  
**CC:** "Angela McIntire" <AMcIntire@brandman.com>, "Randy Chafin" <RChafin@bran...>  
**Date:** 10/25/2011 10:20 AM  
**Subject:** RE: Solano 360 - Follow Up Email  
**Attachments:** Wastewater Info Brandman EIR.doc

e-mail #6 (last)

Description of wastewater system (attached).

Future expansion: None planned. Dry weather flows currently are about 9 MGD. Permitted plant capacity is 15.5 MGD.

Service requirements: Development has to comply with District ordinances covering plan review, pretreatment, connection fees, and rates. Connection fees and rates for sanitary sewers are based on intensity of use and quantity/strength of sewage generated. Storm fees are a flat monthly rate and a connection fee based on the amount of impervious area introduced by the project.

There is an existing agreement between the County, the City, the Fairgrounds, and VSFCDD that obligates VSFCDD to financially participate in a project to provide a continuous 100-year capacity conveyance through the Fairgrounds for Rindler Creek. Details will be subject to negotiation.

Contact Information:

Rudolf Ohlemutz, District Engineer, Vallejo Sanitation and Flood Control District, 450 Ryder Street, Vallejo, CA 94590, 707 644 8949 x231

From: Chryss Meier [mailto:CMeier@brandman.com]  
Sent: Monday, October 24, 2011 2:50 PM  
To: Rolf Ohlemutz  
Cc: Angela McIntire; Randy Chafin  
Subject: Solano 360 - Follow Up Email

Rudolf,

It was a pleasure speaking with you earlier. A PDF of the consultation letter/questionnaire that we sent to the District is attached. Please let me know if you have any questions or would like to discuss the project or our info request further.

Sincerely,

Chryss Meier, Project Manager / Air Quality Analyst

Michael Brandman Associates  
2000 "O" Street, Suite 200  
Sacramento, CA 95811  
916.447.1100 office  
916.447.1210 fax

**Chryss Meier - RE: Solano 360 - Follow Up Email**

---

**From:** "Rolf Ohlemutz" <Rohlemutz@vsfcd.com>  
**To:** "Chryss Meier" <CMeier@brandman.com>  
**Date:** 10/25/2011 9:32 AM  
**Subject:** RE: Solano 360 - Follow Up Email  
**CC:** "Angela McIntire" <AMcIntire@brandman.com>, "Randy Chafin" <RChafin@brandman.com>  
**Attachments:** vsfcd\_boundary-Dist Boundary-Service Area.pdf; vsfcd\_boundary.dwg

---

Chryss,

I will be sending several e-mails throughout the day in response to your questionnaire. This is the first one with the service area map attached.

Rolf

---

**From:** Chryss Meier [mailto:CMeier@brandman.com]  
**Sent:** Monday, October 24, 2011 2:50 PM  
**To:** Rolf Ohlemutz  
**Cc:** Angela McIntire; Randy Chafin  
**Subject:** Solano 360 - Follow Up Email

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Michael Brandman Associates  
2000 "O" Street, Suite 200  
Sacramento, CA 95811  
916.447.1100 office  
916.447.1210 fax

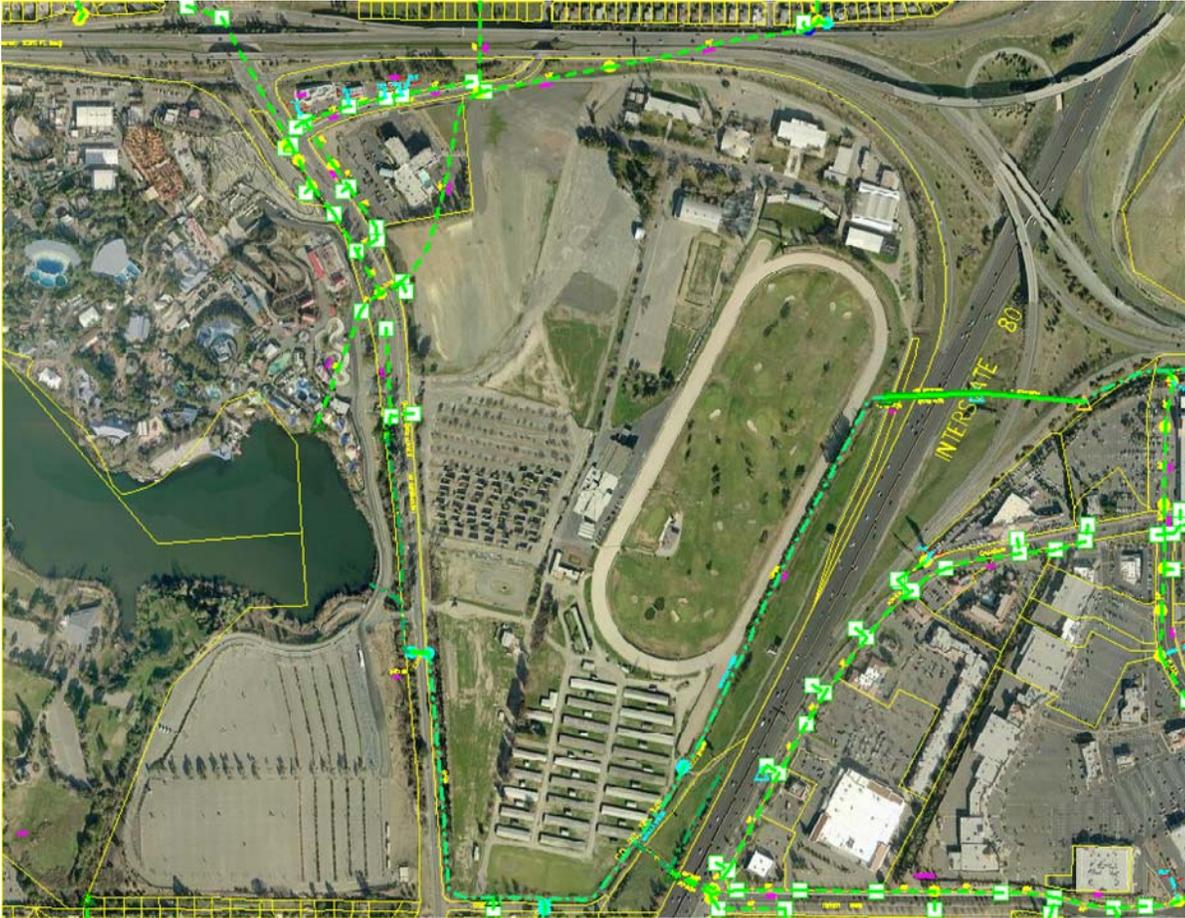
**Chryss Meier - RE: Solano 360 - Follow Up Email**

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**From:** "Rolf Ohlemutz" <Rohlemutz@vsfcd.com>  
**To:** "Chryss Meier" <CMeier@brandman.com>  
**Date:** 10/25/2011 9:33 AM  
**Subject:** RE: Solano 360 - Follow Up Email  
**CC:** "Angela McIntire" <AMcIntire@brandman.com>, "Randy Chafin" <RChafin@brandman.com>

---

Third e-mail. Storm drain facilities in GIS.



---

**From:** Chryss Meier [mailto:CMeier@brandman.com]  
**Sent:** Monday, October 24, 2011 2:50 PM  
**To:** Rolf Ohlemutz  
**Cc:** Angela McIntire; Randy Chafin  
**Subject:** Solano 360 - Follow Up Email

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Sincerely,

Chryss Meier, Project Manager / Air Quality Analyst  
Michael Brandman Associates  
2000 "O" Street, Suite 200  
Sacramento, CA 95811  
916.447.1100 office  
916.447.1210 fax

**Chryss Meier - RE: Solano 360 - Follow Up Email**

---

**From:** "Rolf Ohlemutz" <Rohlemutz@vsfcd.com>  
**To:** "Chryss Meier" <CMeier@brandman.com>  
**Date:** 10/25/2011 9:33 AM  
**Subject:** RE: Solano 360 - Follow Up Email  
**CC:** "Angela McIntire" <AMcIntire@brandman.com>, "Randy Chafin" <RChafin@brandman.com>, "Cathy Carpenter" <Ccarpenter@vsfcd.com>

---

Second e-mail. Excerpt of VSFCDC GIS showing sewer lines.



Contact Cathy Carpenter for electronic files and more detailed information.

---

**From:** Chryss Meier [mailto:CMeier@brandman.com]  
**Sent:** Monday, October 24, 2011 2:50 PM  
**To:** Rolf Ohlemutz  
**Cc:** Angela McIntire; Randy Chafin  
**Subject:** Solano 360 - Follow Up Email

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Sincerely,

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Michael Brandman Associates  
2000 "O" Street, Suite 200  
Sacramento, CA 95811  
916.447.1100 office  
916.447.1210 fax

**Chryss Meier - RE: Solano 360 - Follow Up Email**

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**From:** "Rolf Ohlemutz" <Rohlemutz@vsfcd.com>  
**To:** "Chryss Meier" <CMeier@brandman.com>  
**Date:** 10/25/2011 9:49 AM  
**Subject:** RE: Solano 360 - Follow Up Email  
**CC:** "Angela McIntire" <AMcIntire@brandman.com>, "Randy Chafin" <RChafin@brandman.com>

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e-mail #4

Notes on sanitary sewer system: The sanitary sewer system was extensively modeled about 10 years ago. Basis for flows was ultimate build-out according to General Plan. I believe that the Fairgrounds was zoned "mixed commercial" at the time. Unless projected flows are dramatically higher than a mixed commercial use would suggest, the capacity of the sewer system will be adequate. VSFCO has a consultant on-call who could re-run the sanitary sewer model with revised flow estimates for the Fairgrounds development to confirm adequacy of sewers.

Notes on storm drain system: There is not much information on the storm drain system in the north-west corner of the Fairgrounds. If additional impervious area are created and drained through the existing system, a capacity analysis would have to be performed. The channel approaching the Fairgrounds from the east is Rindler Creek. This channel has a 100-year capacity between the race track and I-80. Contact Chris Ragan for actual flows. Around the southern portion of the Fairgrounds, the channel is undersized and the area will flood. The best solution to this problem is to create a new storm conveyance through the middle of the Fairgrounds, i.e. a "short-cut" to Lake Chabot.

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**From:** Chryss Meier [mailto:CMeier@brandman.com]  
**Sent:** Monday, October 24, 2011 2:50 PM  
**To:** Rolf Ohlemutz  
**Cc:** Angela McIntire; Randy Chafin  
**Subject:** Solano 360 - Follow Up Email

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Sincerely,

Chryss Meier, Project Manager / Air Quality Analyst  
Michael Brandman Associates  
2000 "O" Street, Suite 200  
Sacramento, CA 95811  
916.447.1100 office  
916.447.1210 fax

**Chryss Meier - RE: Solano 360 - Follow Up Email**

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**From:** "Rolf Ohlemutz" <Rohlemutz@vsfcd.com>  
**To:** "Chryss Meier" <CMeier@brandman.com>  
**Date:** 10/25/2011 9:54 AM  
**Subject:** RE: Solano 360 - Follow Up Email  
**CC:** "Angela McIntire" <AMcIntire@brandman.com>, "Randy Chafin" <RChafin@brandman.com>

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[http://www.waterboards.ca.gov/sanfranciscobay/board\\_decisions/adopted\\_orders/2009/R2-2009-0074.pdf](http://www.waterboards.ca.gov/sanfranciscobay/board_decisions/adopted_orders/2009/R2-2009-0074.pdf)

e-mail #5 - link to Municipal Regional Permit (MRP) for storm water. This permit is issued to the City of Vallejo.

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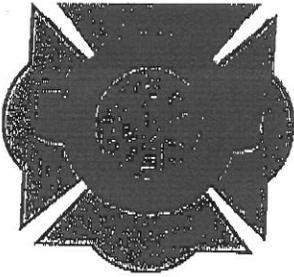
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Michael Brandman Associates  
2000 "O" Street, Suite 200  
Sacramento, CA 95811  
916.447.1100 office  
916.447.1210 fax



# VALLEJO FIRE DEPARTMENT

703 Curtola Parkway, Vallejo, California 94590  
Main (707) 648-4526 Fax (707) 648-5289

## RE: Solano360 Specific Plan Environmental Impact Report: Fire Department Questionnaire

Dear Angela C. McIntire:

Below are your questions followed by our responses;

1. Please provide a brief description of the Vallejo Fire Department. We would appreciate information about services provided, organization, stations, engines, staffing, shift lengths, response times, ISO ratings, and aid agreements.

The Vallejo Fire Department was established in 1868 and currently serves a population of 112,000 people and an area sixty square miles.

Our primary mission is to protect lives and property and to provide the best service possible to the citizens with the resources available.

Our suppression division provides both fire suppression and emergency medical services, comprised of ALS paramedics on each apparatus. The Vallejo Fire Department currently has five open fire stations. The stations are located strategically throughout the city in positions to provide the best coverage for the city that is possible. The Vallejo Fire Department has an average response time of approximately 4 minutes with an objective to stay under 7 minutes on all responses involving medical emergencies. Stations 22, 23, 24, and 27 all are staffed with three firefighters on an Engine. Station 21 is staffed with three firefighters on an 110 foot Ladder Truck. The Battalion Chief also responds out of fire station 21. The Vallejo Fire Department deploys three shifts each working 48 hours on duty per tour. Each shift is supervised by a Battalion Chief; each station is comprised of a Fire Captain, Engineer and a Paramedic. Fire crews perform fire suppression, emergency medical calls, rescues, hazard mitigation, vehicle accidents and other calls as needed.

The Training Division is staffed with a Battalion Chief. He is responsible for planning and presenting training programs so that all Fire Department personnel maintain their skill levels. Training includes local, state and federally mandated training programs, emergency medical training, rescue, hazardous materials, disaster preparedness, Community Emergency Response Team and fire ground operations.

The Vallejo Fire Department currently participates in Mutual Aid at all levels as well as Automatic Aid Agreements with American Canyon Fire Protection District, Benicia Fire Department and a private-public partnership with Medic Ambulance. Vallejo Fire Department also is part of both Napa and Solano Counties' Interagency Hazardous Materials Teams.

Our fire prevention division provides public education, inspection services, plan checks and post fire investigations.

*P. I added  
more on #2+3  
needs to be  
cleaned up*

2. Please provide the number of calls for service the Fire Department responded to citywide and to the existing site in 2010 or the most recent calendar year. Please identify the number of calls for service that you anticipate the proposed project will generate, and, if possible, please provide a breakdown of call type (medical emergencies, fires, false alarms, etc.). Please indicate if the Fire Department would have adequate resources to accommodate this number of calls for service.

In 2010 we responded to = 11793 Incidents.

Year to date for 2011 = 10188 (200+ calls ahead at this point last year).

The stats below are for comparing with 6 Flags Discovery Kingdom;

2010...43 calls to Marine World = 40 EMS, 2 Veg. Fires, 1 Hazardous Condition

2011...(Year to today) 65 Calls to Marine World = 60 EMS, 2 Injury Accidents, 1 Vehicle Fire, 1 Veg. Fire, 1 Rescue.

The number of calls for service that I anticipate the proposed project will generate would be approximately 400. These calls would be similar to those generated by Marine World.

The Fire Department currently does not have adequate resources to accommodate this number of calls for service.

3. Please describe any significant challenges the proposed project may present to the Fire Department. This includes concerns related to response times, staffing, apparatus, fire stations, etc. For any significant concerns, please describe what measures you would recommend to reduce the potential impact.

65 Calls currently to Marine world X 3 (152 acres appears to be approx three times as big as Marine World) = 195 calls X 2 (year round operation compared to 6 months of seasonal at Marine World) = 390 calls per year

This is more than 1 call a day to a remote location that currently has no Fire Station in the response District.

The impact to the Fire Department and Public could be reduced by staffing a Station within the district and providing specialized rescue training.

4. Please feel free to provide any additional information you believe to be relevant to the proposed project.

Our goal is to provide the highest standard in rescue response, by decreasing on scene time, and quickly begin pre-hospital care to increase survival. In order to provide quality service, it is imperative to provide Firefighters with up to date equipment. Some of the issues preventing Vallejo from meeting these goals are as follows:

Due to budget cuts, Truck 21 is our primary response for extrications throughout the City and has extended response times to many areas. Station 25 within the District is closed.

Sincerely,

A handwritten signature in black ink, appearing to be "P. J. R." followed by a horizontal line and the number "152".

## Jason Hade - RE: Solano 360 Environmental Impact Report

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**From:** "Robert Nichelini" <rnichelini@ci.vallejo.ca.us>  
**To:** "Cindy Yan" <Cindy@goodwinconsultinggroup.net>  
**Date:** 10/27/2011 9:08 AM  
**Subject:** RE: Solano 360 Environmental Impact Report

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Yes, that sounds fine. It would take two officers to cover one shift seven days per week and the time not spent at the Fairgrounds development would offset other PD costs (records, communications, investigations, etc.).

>>> "Cindy Yan" <Cindy@goodwinconsultinggroup.net> 10/25/2011 5:33 PM >>>  
 Thanks Chief Nichelini. Since Phase 1 (i.e., Fairgrounds facilities and a small amount of retail) might take several years to develop, perhaps we could assume two officers to serve development in Phase 1. Then two more officers to serve development in Phase 2, and the final two officers to serve development in Phase 3. Would that approach be okay with you?

Thanks,  
 Cindy

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**From:** Robert Nichelini [mailto:rnichelini@ci.vallejo.ca.us]  
**Sent:** Tuesday, October 25, 2011 3:39 PM  
**To:** Cindy Yan  
**Subject:** RE: Solano 360 Environmental Impact Report

We currently receive very few calls from the Fairgrounds since there is little activity at the site under normal circumstances. When there is increased activity (i.e., County Fair) the Fairgrounds contracts for additional security and police services.

Yes, I agree that some incremental increase in police staffing would be appropriate. Maybe two officers in year one, followed by one officer per year until the total of six is reached.

Our current average response time to emergency calls is 6 minutes.

>>> "Cindy Yan" <Cindy@goodwinconsultinggroup.net> 10/25/2011 2:14 PM >>>

Thank you for your prompt response, Chief Nichelini. I understand that your department is extremely short-staffed at the moment and very much appreciate your time and effort. I think your estimate of one field position to serve the development at full buildout of project is exactly what I was looking for.

However, the current project plans show that development will likely develop in three phases. For your reference, I've attached the anticipated development (both building square footage and acreage) for each phase.

Since there's already some development at the Fairgrounds site currently, it would seem that the City would be providing police protection to the site at the present time. Would it be possible to roughly estimate the incremental staffing needs for new development at the site after each phase? Could the six officers needed to serve the project area at buildout be phased? For example, perhaps two new officers could be hired to serve development in Phase 1, which includes the fairground facilities and a very small amount of retail uses.

Thanks again for your help!

Cindy

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**From:** Robert Nichelini [mailto:rnichelini@ci.vallejo.ca.us]  
**Sent:** Tuesday, October 25, 2011 11:54 AM  
**To:** Cindy Yan  
**Subject:** Solano 360 Environmental Impact Report

I have reviewed your request. Do you have funding available to pay for the staff time required to complete this project? Even if funding is available it certainly could not be completed by your due date of October 31, 2011.

As you may have heard, due to Police Department cuts we have little time for other than emergency calls for service and serious criminal activity. Without knowing more about the project it is impossible to estimate the impact on police services. It takes six officers to staff one field position 24 hours per day, 7 days per week plus additional staff for investigations, record keeping, dispatching etc. We cannot with the existing staff absorb any increase in workload (without reducing coverage City-wide). So, it appears to me that at least six additional officers would be required plus undetermined marginal costs. Since we cannot hire part of an officer, any new development must consider the total cost of additional staff - I would estimate the cost of that staff to be approximately \$1.5 million.

If you would like to prepare a cost estimate to produce the information you have requested, we can do that.