

MISSION BAY NORTH AND MISSION BAY SOUTH MITIGATION STATUS REPORT

Block 43

Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other)	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Major Phase											
D.05 ARCHAEOLOGICAL MONITORING AT 19TH CENTURY CITY DUMP											
D.05. Archival review suggests that depositional integrity of the late 19th-century city dump has been lost because of scavenging while the dump was in operation; however, important historical artifacts may still be present. Pre-construction archaeological testing is therefore not recommended. Archaeological monitoring during construction would be the appropriate mitigation measure for that area. Therefore, retain the services of a qualified archaeologist. The ERO in consultation with the President of the LPAB and the archaeologist would determine whether the archaeologist should instruct all excavation and foundation crews in the area of the 19th-century city dump of the potential for discovery of cultural and historic artifacts or features. If such artifacts or features were uncovered, follow procedures described in Measure D.03 for suspension of construction activities, notification of the ERO and President of the LPAB, and development recovery measures, as appropriate.	Owner, other developers	R.A.	Planning Department, ERO; LPAB President	During construction, ongoing implementation as required by measure	1. See mitigation measure for obtaining specific implementation procedures. 2. City Planning Department to consult with ERO, LPAB and owner/other developers to ensure the mitigations are completed which include obtaining the services of an archaeologist to do archaeological monitoring during construction, and suspending construction and implementing recovery measures if archaeological remains are found.	This measure is applicable to the northern part of block 43.	(9/7/00 - Winzler & Kelly) Archeological Mitigations on Improvement Plans note that an archeologist will be retained for on site monitoring. Refer to sheet C1.03.	9/29/2000	10/2/00 No Comment	10/2/2000 Pending City Action	
E.47 TRANSPORTATION SYSTEM MANAGEMENT (TSM) PLAN											
E.47b. Transit Pass Sales Sell transit passes in neighborhood retail stores and commercial buildings in the Project Area.	Owner (TMA); other developers	R.A.	DPT; PTC	As identified by TMA; ongoing review with Agency	See implementation procedures identified for Mitigation Measure E.47.		See implementation status identified for Mitigation Measure E.47.	9/14/2000	5/4/99 Phase 1 Approved	5/4/1999 A conceptual TSM and strategic plan was prepared and subsequently approved on May 4, 1999.	Bill Silva (415) 283-4970 billsilva@w-and-k.com
E.47c. Employee Transportation Subsidies Provide a system of employee transportation subsidies for major employers.	Owner (TMA); major employers	R.A.	DPT; PTC	As identified by TMA; ongoing review with Agency	See implementation procedures identified for Mitigation Measure E.47.		See implementation status identified for Mitigation Measure E.47.	9/14/2000	5/4/99 Phase 1 Approved	5/4/1999 Implementation of the specific measures within the Conceptual TSM may be applied to individual sites as determined by the TMA.	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Major Phase											
E.47f. Appropriate Street Lighting. Ensure that sidewalks in Mission Bay are sufficiently lit to provide pedestrians and bicyclists with a greater sense of safety, and thereby encourage Mission Bay employees, visitors, and residents to walk and bicycle to and from Mission Bay.	Owner (TMA)	R.A.		As identified by TMA; ongoing review with Agency	See implementation procedures identified for Mitigation Measure E.47.		See implementation status identified for Mitigation Measure E.47. (8/8/00 - Winzler & Kelly) Mitigation shown on Tentative Map MB-5. Refer to Sheet 8 of 14. (9/7/00 - Winzler & Kelly) Design of the lighting shown on Improvement Plans. Refer to She	9/14/2000	5/4/99 Phase 1 Approved	5/4/1999 Implementati on of the specific measures within the Conceptual TSM may be applied to individual sites as determined by the TMA.	Bill Silva (415) 283-4970 billsilva@w-and-k.com
E.47g. Transit, Pedestrian and Bicycle Route Information Provide maps of the local and citywide pedestrian and bicycle routes with transit maps and information on kiosks throughout the Project Area to promote multi-modal travel.	Owner (TMA)	R.A.		As identified by TMA; ongoing review with Agency	See implementation procedures identified for Mitigation Measure E.47.		See implementation status identified for Mitigation Measure E.47.	9/14/2000	5/4/99 Phase 1 Approved	5/4/1999 Implementati on of the specific measures within the Conceptual TSM may be applied to individual sites as determined by the TMA.	Bill Silva (415) 283-4970 billsilva@w-and-k.com
E.47i. Flexible Work Time/Telecommuting Where feasible, offer employees in the Project Area the opportunity to work on flexible schedules and/or telecommute so they could avoid peak hour traffic conditions.	Owner (TMA); other major employers	R.A.		As warranted by development; ongoing review with Agency	See implementation procedures identified for Mitigation Measure E.47.		See implementation status identified for Mitigation Measure E.47.	9/14/2000	5/4/99 Phase 1 Approved	5/4/1999 Implementati on of the specific measures within the Conceptual TSM may be applied to individual sites as determined by the TMA.	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Major Phase											
H.05 NEW FIRE STATION											
H.05. At the time the San Francisco Fire Department determines the population or building density is high enough to warrant it, provide a new fire station in Mission Bay South to reduce the effects of limited emergency access to and from the site following a major earthquake.	City; Fire Department; Owner as allocated in South Infrastructure Plan	R.A.	Fire Department	Owner Obligation to transfer site and make available certain funds and City obligation to fund the balance and construct as provided in South Owner Participation Agreement and Infrastructure Plan.	<ol style="list-style-type: none"> As allocated in the South Infrastructure Plan, Owner to transfer site to City. City to partially compensate Owner as indicated in the OPA and infrastructure plan. Fire Department to construct Fire Station in Mission Bay South to reduce effects of limited emergency access. 	This measure is not applicable in the initial development phases.	Mitigation implementation addressed in Owner Participation Agreement (OPA), adopted 11/16/98 and effective 12/3/98. OPA on file with City of San Francisco, 1660 Mission Street, San Francisco, Ca. 94103. (415) 558-6378	9/15/2000	1/25/01 No Comment	Timing of implementation triggered by City Fire Department review of cumulative development.	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Tentative Map											
D.06 UNKNOWN ARCHAEOLOGICAL REMAINS											
D.06. The entire Mission Bay Project Area has at least some sensitivity for the presence of unknown archaeological remains. Prehistoric cultural deposits could be encountered in three identified areas and unknown historical features, artifact caches and debris areas could be located anywhere in the Project Area. Follow procedures for instructing excavation crews, notifying the ERO and President of the LPAB, and developing recovery measures, as described in Measure D.03, above. In addition, in the event that prehistoric archaeological deposits are discovered, consult local Native American organizations. Dialogue with the ERO, LPAB and the archaeological consultant would take place in developing acceptable archaeological testing & excavation procedures, particularly in regard to the disposition of cultural materials and Native American burials.	Owner, other developers	R.A.	Planning Department, ERO; LPAB President	Prior to excavation; ongoing implementation as required by measure	Prior to preparation of the work plan consultant shall consult with ERO and LPAB to develop a testing and excavation procedures.	This measure is applicable-- see Implementation column.	Implementation will occur prior to excavation.	9/29/2000	10/2/00 No Comment	Pending City Action	
(Condition Major Plan Accordingly to require on individual building sites or potential for single coordinated program for Block)											
E.15 OWENS STREET/16TH STREET											
E.15a. Install a new traffic signal.	Subject to regulatory approvals, Owner to construct; City to apply for approvals	R.A.	DPW; DPT; Caltrans	Provide trip generation calculations and Infrastructure adjacency information; identify any improvements based on cumulative or adjacency thresholds as part of Major Phase and/or Subdivision map review	1. Refer to Infrastructure plan for specific timing and implementation responsibility. 2. DPW or DPT to inspect intersection to ensure modifications were completed.	This measure is applicable based on the adjacency phasing principle.	Construct new signal when 10,400 PM Peak Hour Trips are produced. (9/7/00 - Winzler & Kelly) Traffic signal installed on Owens/16th. Refer to Improvement Plans Sheets T1.1, T1.2 & T1.3.	9/27/2000	1/25/01 Phase 1 Approved	Pending Construction and Inspection	Bill Silva (415) 283-4970 billsilva@w-and-k.com
E.25 OWENS STREET											
E.25c. Extend Owens Street northward from 16th Street to The Common, providing no on-street parking.	Owner	R.A.	DPW; DPT	Provide trip generation calculations and Infrastructure adjacency information; identify any improvements based on cumulative or adjacency thresholds as part of Major Phase and/or Subdivision map review	1. Refer to Infrastructure plan for specific timing and implementation responsibility. 2. DPW or DPT to inspect street segment to ensure modifications were completed.	This measure is applicable based on the adjacency phasing principle.	Street segment improvement shall be implemented 10,400 PM Peak Hour Trips are produced. (9/7/00 - Winzler & Kelly) Owens will have two travel lanes and no on street parking. Refer to Improvement Plans Sheet C1.4.	9/14/2000	1/25/01 Phase 1 Approved	Pending Construction and Inspection	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Tentative Map											
E.25d. Construct Owens Street between 16th Street and Mariposa Street, providing no on-street parking.	Owner	R.A.	DPW; DPT	Provide trip generation calculations and Infrastructure adjacency information; identify any improvements based on cumulative or adjacency thresholds as part of Major Phase and/or Project-level plan review	<ol style="list-style-type: none"> 1. Refer to Infrastructure plan for specific timing and implementation responsibility. 2. DPW or DPT to inspect street segment to ensure modifications were completed. 	This measure is applicable based on the adjacency principle.	Street segment improvement shall be implemented 12,200 PM Peak Hour Trips are produced. See mitigation measure E.25c. (Since applicability is due to adjacency, this measure can only be verified by implementation of measure E.25c.)	9/14/2000	1/25/01 Phase 1 Approved	Pending Construction and Inspection	Bill Silva (415) 283-4970 billsilva@w-and-k.com
H.07 CORROSIVITY											
H.07. Test soils for sulfate and chloride content. If necessary, use admixtures in concrete so it would not be susceptible to attack by sulfates, and/or use coated metal pipes so that pipes would be more resistant to corrosion by chlorides.	Owner, other developers		DPW; DBI	Include in relevant Infrastructure Improvement plans	<ol style="list-style-type: none"> 1. In conjunction with building permit review applicant shall submit a soils report which analyzes soil for sulfate and chloride content. 2 DPW in consultation with DBI to require testing prior to issuance of building or site permits. 3. Owner/other developers to retain services of a geotechnical consultant to test soils. 4. Consultant prepares report of results. 5. Owner/other developers to submit report to DPW and DBI for review. 6. DBI to impose building material modifications as necessary to reduce impacts of corrosivity during project review and approval. 7. Owner/other developers to construct project with required building material modifications. 8. DPW or DBI to inspect buildings to ensure compliance with mitigation measure. 	A soils report is required prior to the issuance of building permits.	(9/7/00 - Winzler & Kelly) Measure noted on Improvement Plans. Refer to note 44 on Sheet C1.3. Specific corrosion measures will be referenced in the specifications section of the Improvement Plans.	9/29/2000	1/25/01 Phase 1 Approved	Pending Construction and Inspection	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Tentative Map											
K.01 STORMWATER POLLUTION PREVENTION PROGRAM (SWPPP)											
K.01. Develop and implement a comprehensive Stormwater Pollution Prevention Plan (SWPPP) for all construction activities within the Project Area to avoid and minimize erosion and sedimentation in China Basin Channel and San Francisco Bay and to manage other aspects of the construction site. Include at least the following Best Management Practices, or substantially equivalent measures.	Owner, other developers		DPW; DBI; San Francisco Public Utilities Commission (SFPUC)	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements.	<ol style="list-style-type: none"> 1. DPW and DPI to require owner/other developers to prepare SWPPP prior to project approval. 2. Owner/other developers to prepare SWPPP in consultation with SFPUC and submit to DPW and DPI for review and approval. 3. DPI to require relevant elements of SWPPP to be included in subdivision improvement plans. 4. SWPPP to be provided on the job site. 5. DPI to inspect construction sites to ensure compliance with SWPPP. 	SWPPP shall be prepared or available on the job site.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans.	9/25/2000	1/25/01 Phase 1 Approved	A Conceptual SWPPP was prepared and completed by California Soil & Environmental Consultants Inc. on November 1999. Implementation of the specific measures within the plan may be applied to individual sites as determined by the PUC.	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01a. Minimize dust during demolition, grading, and construction by lightly spraying exposed soil on a regular basis.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01b. Minimize wind and water erosion on temporary soil stockpiles by spraying with water during dry weather and covering with plastic sheeting or other similar material during the rainy season (November to April).	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Tentative Map											
K.01c. Minimize the area and length of time during which the site is cleared and graded.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01d. Prevent the release of construction pollutants such as cement, mortar, paints and solvents, fuel and lubricating oils, pesticides, and herbicides by storing such materials in a bermed, or otherwise secured, area.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01e. As needed, install filter fences around the perimeter of the construction site to prevent off-site sediment discharge. Prior to grading the bank slopes of China Basin Channel for the proposed channel-edge treatments, install silt or filter fences to slow water and remove sediment. As needed, properly trench and anchor in the silt or filter fences so that they stand up to the forces of tidal fluctuation and wave action, and do not allow sediment-laden water to escape underneath them.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Tentative Map											
K.01f. Follow design and construction standards found in the Manual of Standards for Erosion and Sediment Control Measures for placement of riprap and stone size.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01g. Install and maintain sediment and oil and grease traps in local stormwater intakes during the construction period, or otherwise properly control oil and grease discharges.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01h. Clean wheels and cover loads of trucks carrying excavated soils before they leave the construction site.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Tentative Map											
K.011. Implement a hazardous material spill prevention, control, and clean-up program for the construction period. As needed, the program would include measures such as constructing swales and barriers that would direct any potential spills away from the Channel and the Bay and into containment basins to prevent the movement of any materials from the construction site into water.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.02 CHANGES IN SANITARY SEWAGE QUALITY											
K.02. In addition to developing and implementing a Stormwater Management Program for the Central/Bay Basin (see Mitigation Measure K.05), participate in the City's existing Water Pollution Prevention Program. Facilitate implementation of the City's Water Pollution Prevention Program by providing and installing wastewater sampling ports in any building anticipated to have a potentially significant discharge of pollutants to the sanitary sewer, as determined by the Water Pollution Prevention Program of the San Francisco Public Utilities Commission's Bureau of Environmental Regulation and Management, and in locations as determined by the Water Pollution Prevention Program.	Owner, other developers		Agency; DPW; SFPUC	Condition as part of Tentative Map	<ol style="list-style-type: none"> 1. During project level review, DPW to consult with SFPUC to determine which sites need installation of wastewater sampling ports. 2. DPW to notify owner/other developers of sites that require ports. 3. Owner/other developers to modify (as may be necessary) project plans to comply with City's Water Pollution Prevention Program. 4. DPW/Agency to review and approve modified project plans. 5. Owner/other developers to construct project according to approved modified plans. 6. DPW to inspect constructed sites to ensure compliance with mitigation measure. 	Applies to Commercial/Industrial land use designation in Mission Bay South.	(9/27/00 - RBF Consulting) Stormwater Management Program references CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999	9/29/2000	1/25/01 Phase 1 Approved	Pending City Action	

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Tentative Map											
K.03 SEWER IMPROVEMENT DESIGN											
<p>K.03. Design and construct sewer improvements such that potential flows to the City's combined sewer system from the project do not contribute to an increase in the annual overflow volume as projected by the Bayside Planning Model by providing increased storage in oversized pipes, centralized storage facilities, smaller dispersed storage facilities, or detention basins, or through other means to reduce or delay stormwater discharges to the City system.</p>	<p>Subject to regulatory approvals, owner, other developers</p>		<p>Agency; DPW; SFPUC</p>	<p>Submit as part of subdivision improvement plans</p>	<ol style="list-style-type: none"> 1. Owner/other developers to prepare sewer improvement plan in consultation with SFPUC. 2. Owner/other developers to submit sewer improvement plan with SFPUC approval as part of subdivision improvement plans for Agency and DPW review. 3. Agency and DPW to approve plans. 4. Owner/other developers to construct sewer improvements. 5. DPW to inspect improvements to ensure compliance with mitigation measure. 	<p>Applies to Mission Bay South Project area. Project area will be designed with a separation storm water runoff conveyance system which will reduce the City's annual CSO overflow volume.</p>	<p>(9/7/00 - Winzler & Kelly) Drainage plan includes 8-30" pipes and several catch basins. Refer to Improvement Plans Sheets C3.1 through C3.5.</p> <p>(8/8/00 - Winzler & Kelly) Refer to Tentative Map MB-5 Sheets 8, 9, and 10 of 14.</p>	<p>9/25/2000</p>	<p>1/25/01 Phase 1 Approved</p>	<p>Pending Construction and Inspection</p>	<p>Bill Silva (415) 283-4970 billsilva@w-and-k.com</p>
K.05 CENTRAL/BAY BASIN STORMWATER MANAGEMENT PROGRAM											
<p>K.05. Develop and implement a Stormwater Management Program for the Central/Bay Basin applicable to new and interim development under the Redevelopment Plan if any are contributing to direct discharges of stormwater to near-shore waters. Develop the plan in coordination with City and County of San Francisco agencies such as the Water Pollution Prevention Program of the City and County of San Francisco Public Utilities Commission's (SFPUC) Bureau of Environmental Regulation and Management, and the Clean Water Program. Develop the Stormwater Management Program according to guidelines contained in California Municipal Storm Water Best Management Practice Handbook and in California Industrial/Commercial Storm Water Best Management Practice Handbook. In addition, design the program with Best Management Practices consistent with the minimum control measures pursuant to the proposed Phase II stormwater regulations. Implement the Stormwater Management Program until a city-wide stormwater management program is developed that includes any area contributing to direct discharges of stormwater to near-shore waters. If the City and County of San Francisco develops a city-wide stormwater management program, such a program would supersede the stormwater management program for the Project Area. Periodically prepare and submit a monitoring report to the City detailing progress on implementation of Best Management Practices. Modify the Stormwater Management Program, as necessary, to respond to changes in conditions, and record any changes made (additions or deletions) in the monitoring report.</p>	<p>Subject to regulatory approvals, owner, other developers</p>		<p>Agency; DPW; SFPUC</p>	<p>Submit as part of subdivision improvement plans</p>	<ol style="list-style-type: none"> 1. Owner/other developers to prepare and implement Stormwater Management Program according to procedures contained in Mitigation Measure K.05. 	<p>Applies to Mission Bay South Project area.</p>	<p>CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs.</p> <p>(9/7/00 - Winzler & Kelly) Measure shown on Improvement Plans. Refer to Sheets C3.1 through C3.5</p>	<p>9/25/2000</p>	<p>1/25/01 Phase 1 Approved</p>	<p>The Stormwater Management Plan was completed and deemed acceptable in October 2001 by the Department of Public Works. Individual requirements may apply to all sites.</p>	<p>Bill Silva (415) 283-4970 billsilva@w-and-k.com</p>

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Tentative Map											
K.06 STRUCTURE PLACEMENT AND DESIGN TO MINIMIZE DANGERS OF FLOODING											
K.06. Structures in the Project Area should be designed and located in such a way to assure the reasonable safety of structures and shoreline protective devices built in the Bay or in low-lying shoreline areas from the dangers of tidal flooding, including consideration of a rise in relative sea level. Detailed construction specifications to mitigate against impacts of a sea-level rise, however, would require specific flood protection engineering and building analysis by a licensed engineer where structures are proposed below a 99-foot elevation (Mission Bay Datum). Measures include:	Owner, other developers		DBI; DPW	Submit as part of subdivision improvement plans; check elevation as part of Tentative Map review	<ol style="list-style-type: none"> 1. Owner/other developers to include modifications required by mitigation measure to project site plan and submit plan for review by DBI and DPW. 2. DPI and DPW to review and approve modified site plan. 3. Owner/other developers to construct project with modifications. 4. DBI or DPW to inspect structures to ensure compliance with mitigation measure. 	All structures within project area shall be designed to a minimum elevation 99'.0. The measures K.06a-K.06f are only applicable for building designed at an elevation below 99'.0.	(8/8/00 - Winzler & Kelly) Final Elevations noted above 99.00. Refer to Tentative Map MB-5 - Sheet 7 of 14.	9/25/2000	1/25/01 Phase 1 Approved	Pending Construction and Inspection	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.06c. Provide for dewatering basements	Owner, other developers		DBI; DPW	Submit as part of site permit review; check elevation as part of Tentative Map review	See implementation procedures identified for Mitigation Measure K.01.		(8/8/00 - Winzler & Kelly) Final Elevations noted above 99.00. Refer to Tentative Map MB-5 - Sheet 7 of 14.	9/25/2000	1/25/01 Phase 1 Approved	Pending Construction and Inspection	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.06f. Use half-basements and partially depressed garage levels to minimize excavation	Owner, other developers	Submit as part of site permit review; check elevation as part of Tentative Map review	DBI; DPW		See implementation procedures identified for Mitigation Measure K.01.		(8/8/00 - Winzler & Kelly) Final Elevations noted above 99.00. Refer to Tentative Map MB-5 - Sheet 7 of 14.	9/25/2000	1/25/01 Phase 1 Approved	Pending Construction and Inspection	Bill Silva (415) 283-4970 billsilva@w-and-k.com
M.04 SEWERS AND WASTEWATER TREATMENT											
M.04. Construct a fence around any interim surface detention basins.	Owner	R.A.	DPW	During construction and operation of basins	<ol style="list-style-type: none"> 1. DPW to impose requirement of mitigation measure as part of project-level and/or site permit approval. 2. Owner to construct project according to requirements. 3. DPW to inspect site to ensure compliance with mitigation measure. 	Not applicable within this Major Phase.	(9/7/00- Winzler & Kelly) Fencing for detention basins shown on Improvement Plans. Refer to Sheet C8.1.	9/29/2000	1/25/01 Phase 1 Approved	Pending Construction and Inspection	Bill Silva (415) 283-4970 billsilva@w-and-k.com

MISSION BAY NORTH AND MISSION BAY SOUTH MITIGATION STATUS REPORT

Block 43

Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Tentative Map											
M.05 STORMWATER RUNOFF CONTROL AND DRAINAGE											
M.05. Drain stormwater runoff (up to a 5-year event) from newly constructed buildings and permanently covered surfaces in the Bay Basin into the City's combined sewer system until installation of a permanent sewer system.	Owner	R.A.	DPW	Include in subdivision improvement plans	<ol style="list-style-type: none"> 1. DPW to impose requirement of mitigation measure as part of project-level and/or site permit approval. 2. Owner to construct project according to requirements. 3. DPW to inspect site to ensure compliance with mitigation measure. 	This measure applies to Mission Bay South.	(9/7/00 - Winzler & Kelly) Proposes Sanitary Sewer and Interim drainage basin noted. Refer to Improvement Plans Sheets C3.1 through C3.5 and C8.1.	9/25/2000	1/25/01 Phase 1 Approved	Pending Construction and Inspection	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other)	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Project Level Review											
D.01 LIGHTING AND GLARE											
D.01. Design parking structure lighting to minimize off-site glare. The design could include 45-degree cutoff angles on light fixtures to focus light within the site, and specifications that spill lighting from parking areas would be 0.25 foot-candle or less at 5 feet from the property line of the parking areas. Applies to individual sites within the Project Area.	Owner, other developers	R.A.	DBI	Submit design specifications as part of plan review and site permit processes	<ol style="list-style-type: none"> 1. Owner/other developers to submit draft lighting plan to DBI during plan review. 2. DBI to review draft lighting plan and provide comments/proposed revisions to owner/other developers. 3. Owner/other developers to revise plans accordingly and submit final lighting plan for DBI review and approval. 4. Owner/other developers to construct project structures and implement lighting plan. 5. DBI to inspect project structures and lighting for light and glare impacts. 	The Major Phase review establishes the land use programming. Compliance with this measure requires the submission of detailed design drawings.	Detailed design drawings are not part of this submission phase.	9/25/2000		Pending Design Submission	
D.07 PEDESTRIAN-LEVEL WINDS											
D.07. Require a qualified wind consultant to review specific designs for buildings 100 feet or more in height for potential wind effects. The Redevelopment Agency would conduct wind review of high-rise structures above 100 ft. Wind tunnel testing would also be required unless, upon review by a qualified wind consultant, and with concurrence by the Agency, it is determined that the exposure, massing and orientation of the buildings are such that impacts, based on a 26-mile-per-hour hazard for a single hour of the year criterion, will not occur. The purpose of the wind tunnel studies is to determine design-specific impacts and to provide a basis for design modifications to mitigate these impacts. Projects within Mission Bay, including UCSF, would be require to meet this standard or to mitigate exceedances through building design.	Owner, other developers	R.A.			<ol style="list-style-type: none"> 1. Condition Major Phase to require wind evaluation and provide any required study and documentation of findings as part of Project-level submission. 2. Refer to mitigation measure for obtaining specific implementation procedures. 3. Owner/other developers to submit building design modifications to mitigate pedestrian-level wind impacts to City during project review. 4. Agency to review and approve building design modifications. 5. Owner/other developers to construct buildings implementing design modifications. 6. Agency to inspect buildings and ensure that 26-mile-per-hour wind tunnel hazard for a single hour threshold is not exceeded. 	This measure is applicable – see Implementation column.	Implementation of this measure will occur as part of the project level review for designing buildings 100 feet or more in height.	9/25/2000		Pending Design Submission	

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Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Project Level Review											
D.08 SHADOWS											
D.08. The Redevelopment Plan documents would require analysis of potential shadows on existing and proposed open spaces during the building design and review process when exceptions to certain standards governing the shape or locations of buildings are requested that would cause over 13% of Mission Creek Park (either North or South), 20% of Bayfront Park, 17% of Triangle Square or 11% of Mission Bay Commons to be in continuous shadow for a period of one hour from March to September between 10:00 a.m. and 4:00 p.m.	Owner, other developers	R.A.		Provide any required documentation as part of Project-level submission	<ol style="list-style-type: none"> 1. Shadow analysis to be required during building design review. 2. Agency to verify via review of the shadow analysis that over 13% of Mission Creek Park (either north or south), 20% of Bayfront Park, 17% of Triangle Square or 11% of Mission Commons are not located in continuous shadow per the standards identified in Mitigation Measure D.07. 3. If through the review of the shadow analysis, the agency determines that the buildings are not in compliance with the standards governing the shape and locations of buildings, the owner /other developers shall modify the building designs and/or location to comply with the appropriate standards, or the Agency shall make findings stating why an exception is appropriate. 4. Agency to inspect project sites to ensure compliance with mitigation measures. 	The proposed building massing within this major phase confirms to the standards contained in the Design for Development and no additional shadow analysis is necessary.	Implementation of this measure will occur as part of the project level review for designing buildings 100 feet or more in height.	9/25/2000		Pending Design Submission	

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Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other)	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Project Level Review											
K.02 CHANGES IN SANITARY SEWAGE QUALITY											
<p>K.02. In addition to developing and implementing a Stormwater Management Program for the Central/Bay Basin (see Mitigation Measure K.05), participate in the City's existing Water Pollution Prevention Program. Facilitate implementation of the City's Water Pollution Prevention Program by providing and installing wastewater sampling ports in any building anticipated to have a potentially significant discharge of pollutants to the sanitary sewer, as determined by the Water Pollution Prevention Program of the San Francisco Public Utilities Commission's Bureau of Environmental Regulation and Management, and in locations as determined by the Water Pollution Prevention Program.</p>	<p>Owner, other developers</p>		<p>Agency; DPW; SFPUC</p>	<p>Condition as part of Tentative Map</p>	<ol style="list-style-type: none"> 1. During project level review, DPW to consult with SFPUC to determine which sites need installation of wastewater sampling ports. 2. DPW to notify owner/other developers of sites that require ports. 3. Owner/other developers to modify (as may be necessary) project plans to comply with City's Water Pollution Prevention Program. 4. DPW/Agency to review and approve modified project plans. 5. Owner/other developers to construct project according to approved modified plans. 6. DPW to inspect constructed sites to ensure compliance with mitigation measure. 	<p>Applies to Commercial/Industrial land use designation in Mission Bay South.</p>	<p>(9/27/00 - RBF Consulting) Stormwater Management Program references CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999</p>	<p>9/29/2000</p>	<p>1/25/01 Phase 1 Approved</p>	<p>Pending City Action</p>	

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Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other)	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Improvement Plan - Plan Check											
E.15 OWENS STREET/16TH STREET											
E.15a. Install a new traffic signal.	Subject to regulatory approvals, Owner to construct; City to apply for approvals	R.A.	DPW; DPT; Caltrans	Provide trip generation calculations and Infrastructure adjacency information; identify any improvements based on cumulative or adjacency thresholds as part of Major Phase and/or Subdivision map review	<ol style="list-style-type: none"> 1. Refer to Infrastructure plan for specific timing and implementation responsibility. 2. DPW or DPT to inspect intersection to ensure modifications were completed. 	This measure is applicable based on the adjacency phasing principle.	<p>Constuct new signal when 10,400 PM Peak Hour Trips are produced.</p> <p>(9/7/00 - Winzler & Kelly) Traffic signal installed on Owens/16th. Refer to Improvement Plans Sheets T1.1, T1.2 & T1.3.</p>	9/27/2000	1/25/01 Phase 1 Approved	Pending Construction and Inspection	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01 STORMWATER POLLUTION PREVENTION PROGRAM (SWPPP)											
K.01. Develop and implement a comprehensive Stormwater Pollution Prevention Plan (SWPPP) for all construction activities within the Project Area to avoid and minimize erosion and sedimentation in China Basin Channel and San Francisco Bay and to manage other aspects of the construction site. Include at least the following Best Management Practices, or substantially equivalent measures.	Owner, other developers		DPW; DBI; San Francisco Public Utilities Commission (SFPUC)	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements.	<ol style="list-style-type: none"> 1. DPW and DPI to require owner/other developers to prepare SWPPP prior to project approval. 2. Owner/other developers to prepare SWPPP in consultation with SFPUC and submit to DPW and DPI for review and approval. 3. DPI to require relevant elements of SWPPP to be included in subdivision improvement plans. 4. SWPPP to be provided on the job site. 5. DPI to inspect construction sites to ensure compliance with SWPPP. 	SWPPP shall be prepared or available on the job site.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans.	9/25/2000	1/25/01 Phase 1 Approved	A Conceptual SWPPP was prepared and completed by California Soil & Environmental Consultants Inc. on November 1999. Implementation of the specific measures within the plan may be applied to individual sites as determined by the PUC.	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other)	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Improvement Plan - Plan Check											
K.01b. Minimize wind and water erosion on temporary soil stockpiles by spraying with water during dry weather and covering with plastic sheeting or other similar material during the rainy season (November to April).	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01c. Minimize the area and length of time during which the site is cleared and graded.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01d. Prevent the release of construction pollutants such as cement, mortar, paints and solvents, fuel and lubricating oils, pesticides, and herbicides by storing such materials in a bermed, or otherwise secured, area.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other)	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Improvement Plan - Plan Check											
K.01e. As needed, install filter fences around the perimeter of the construction site to prevent off-site sediment discharge. Prior to grading the bank slopes of China Basin Channel for the proposed channel-edge treatments, install silt or filter fences to slow water and remove sediment. As needed, properly trench and anchor in the silt or filter fences so that they stand up to the forces of tidal fluctuation and wave action, and do not allow sediment-laden water to escape underneath them.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01f. Follow design and construction standards found in the Manual of Standards for Erosion and Sediment Control Measures for placement of riprap and stone size.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01g. Install and maintain sediment and oil and grease traps in local stormwater intakes during the construction period, or otherwise properly control oil and grease discharges.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Improvement Plan - Plan Check											
K.01h. Clean wheels and cover loads of trucks carrying excavated soils before they leave the construction site.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01i. Implement a hazardous material spill prevention, control, and clean-up program for the construction period. As needed, the program would include measures such as constructing swales and barriers that would direct any potential spills away from the Channel and the Bay and into containment basins to prevent the movement of any materials from the construction site into water.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other)	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Building Site Permit											
D.06 UNKNOWN ARCHAEOLOGICAL REMAINS											
D.06. The entire Mission Bay Project Area has at least some sensitivity for the presence of unknown archaeological remains. Prehistoric cultural deposits could be encountered in three identified areas and unknown historical features, artifact caches and debris areas could be located anywhere in the Project Area. Follow procedures for instructing excavation crews, notifying the ERO and President of the LPAB, and developing recovery measures, as described in Measure D.03, above. In addition, in the event that prehistoric archaeological deposits are discovered, consult local Native American organizations. Dialogue with the ERO, LPAB and the archaeological consultant would take place in developing acceptable archaeological testing & excavation procedures, particularly in regard to the disposition of cultural materials and Native American burials.	Owner, other developers	R.A.	Planning Department, ERO; LPAB President	Prior to excavation; ongoing implementation as required by measure	Prior to preparation of the work plan consultant shall consult with ERO and LPAB to develop a testing and excavation procedures.	This measure is applicable— see Implementation column.	Implementation will occur prior to excavation.	9/29/2000	10/2/00 No Comment	Pending City Action	
(Condition Major Plan Accordingly to require on individual building sites or potential for single coordinated program for Block)											
F.02 CONSTRUCTION PM											
F.02. As conditions of construction contracts, require contractors to implement the following mitigation program, based on the instructions in the BAAQMD CEQA Guidelines, at all construction sites within the Project Area:	Owner, other developers		DPW; DBI	Implement through site permit process	1. Add note to construction plans which contain these air quality measures. 2. To be implemented upon initiation of construction. 3. DBI and DPW to monitor implementation success during construction activities.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02a. Water all active construction areas at least twice a day, or as needed to prevent visible dust plumes from blowing off-site.	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02b. Use tarpaulins or other effective covers for on-site storage piles and for haul trucks that travel on streets.	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other)	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Building Site Permit											
F.02c. Pave, apply water three times daily, or apply (non-toxic) soil stabilizers on all unpaved parking areas and staging areas at construction sites.	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02d. Sweep all paved access routes, parking areas, and staging areas daily (preferably with water sweepers).	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02e. Sweep streets daily (preferably with water sweepers) if visible amounts of soil material are carried onto public streets	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02f. Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for ten days or more).	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02g. Enclose, cover, water twice daily or apply (non-toxic) soil binders to exposed stockpiles (dirt, sand, etc.).	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com

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Building Site Permit											
F.02h. Limit traffic speeds on unpaved roads to 15 mph.	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02i. Install sandbags or other erosion control measures to prevent silt runoff to public roadways.	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02j. Replant vegetation in disturbed areas as quickly as possible	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02k. Install wheel washers for all exiting trucks, or wash off the tires or tracks of all trucks and equipment leaving the site.	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02l. Install wind breaks, or plant trees / vegetative wind breaks at windward side(s) of construction areas	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure is not applicable due to the size of the major phase.			1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
F.02m. Suspend excavation and grading on large construction sites when winds (instantaneous gusts) exceed 25 mph.	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure is not applicable due to the size of the major phase.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com

MISSION BAY NORTH AND MISSION BAY SOUTH MITIGATION STATUS REPORT

Block 43

Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other)	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail
Building Site Permit											
F.02n. Limit the area subject to excavation, grading and other construction activity at any one time.	Owner, other developers		DPW; DBI	Implement through site permit process	See Mitigation Measure F.2.	This measure will be implemented at the time of construction of individual projects.	(9/7/00 - Winzler & Kelly) Measures noted on Improvement Plans. Refer to Environmental Mitigations notes 1 through 14 on Sheet C1.3.	9/27/2000	1/25/01 Phase 1 Approved	Conditioned on Subdivision Map and/or Improvement Plans	Bill Silva (415) 283-4970 billsilva@w-and-k.com
J.01 RISK MANAGEMENT PLAN(S)											
J.01d. Development Include in the RMP, health and safety training and health protection objectives for workers who may directly contact contaminated soil during construction and/or maintenance, including Cal/OSHA worker safety regulations appropriate to the type of construction activity, location, and risk relative to the potential types of hazards associated with contaminated soil or groundwater, and where appropriate, compliance with Title 8, Group 16, requirements.	Owner, Agency, other developers	R.A.	RWQCB; DBI; DPW; DPH	As provided in the EIR or in RMPs	See implementation procedures identified for Mitigation Measure J.01.	Addressed within RMP.	See implementation status identified for Mitigation Measure J.01.	9/27/2000	5/25/99 No Comment	Timing of implementation triggered by City Fire Department review of cumulative development.	Bill Silva (415) 283-4970 billsilva@w-and-k.com
J.01e. Identify site access controls to be implemented during construction, such as: i. Secure construction site to prevent unauthorized pedestrian/vehicular entry with fencing or other barrier of sufficient height and structural integrity to prevent entry and based upon the degree of control required. ii. Post "no trespassing" signs. iii. Provide on-site meetings with construction workers to inform them about security measures and reporting/ contingency procedures.	Owner, Agency, other developers	R.A.	RWQCB; DBI; DPW	As provided in the EIR or in RMPs	See implementation procedures identified for Mitigation Measure J.01.	Addressed within RMP.	See implementation status identified for Mitigation Measure J.01.	9/27/2000	5/25/99 No Comment	See Implementation on Notes for J.01d.	Bill Silva (415) 283-4970 billsilva@w-and-k.com
K.01 STORMWATER POLLUTION PREVENTION PROGRAM (SWPPP)											
K.01a. Minimize dust during demolition, grading, and construction by lightly spraying exposed soil on a regular basis.	Owner, other developers		DPW; DBI	Submit as part of subdivision improvement plans; condition Tentative Map to require approval of SWPPP prior to commencing construction on street improvements	See implementation procedures identified for Mitigation Measure K.01.	Addressed within SWPPP.	CSWPPMP prepared by California Soil & Environmental Consultants Inc., dated November 1999. This document has set up the framework for individual SWPPPs. All measures will be conditioned on Improvement Plans. (9/7/00 - Winzler & Kelly) Measure shown on	9/27/2000	1/25/01 Phase 1 Approved	Pending Submission of Site Specific SWPPP	Bill Silva (415) 283-4970 billsilva@w-and-k.com

MISSION BAY NORTH AND MISSION BAY SOUTH MITIGATION STATUS REPORT

Block 43

Mitigation Measures	Mitigation Response	SFRA RA	Responsible (Other)	Mitigation Schedule	Implementation Procedures	Is Measure Applicable?	Implementation Status/Verification	RBF Review Date	Approval Date	Implementation	Name Phone/E-mail	
Cert. Of Occupancy												
F.03 TOXIC AIR CONTAMINANTS (TACs)												
F.03. Prior to issuing a certificate of occupancy for a facility containing potential toxic air contamination sources, obtain written verification from BAAQMD either that the facility has been issued a permit from BAAQMD, if required by law, or that permit requirements do not apply to the facility.	Owner, other owners		DBI	Prior to issuance of Certificate of Occupancy for relevant facilities	<ol style="list-style-type: none"> 1. Owner/other owners to obtain and submit written verification from BAAQMD to DBI. 2. DBI reviews BAAQMD verification to ensure that the facility has been issued a permit, or to ensure that permit requirements do not apply to the facility. 3. DBI issues Certificate of Occupancy as long as all applicable conditions are met. 	This measure will be implemented at the time of construction of individual projects.					Pending Written Verification	
H.03 COMPREHENSIVE PREPAREDNESS AND RESPONSE PLAN												
H.03a. Require the formulation of a comprehensive preparedness and response plan for the entire Project Area (as opposed to the typical building-by-building plan), integrated with the City's emergency response plans and in coordination with the Mayor's Office of Emergency Services. An emergency response plan should include:	Owner	R.A.	Office of Emergency Services (OES)	Include in emergency response plan; update as necessary	<ol style="list-style-type: none"> 1. Prior to the Certificate of Completion the preparedness and response plan shall be prepared. 2. Owner to prepare emergency response plan for project area using the procedures contained in Mitigation Measure H.03.a. 3. OES to review completed emergency response plan before City issues Certificate of Occupancy. 4. Owner to modify emergency response plan (as may be necessary) to address OES review comments. 5. OES to review modified plans to ensure all prior comments/issues are addressed. 6. OES to require periodic updates of emergency response plan to review and approve. 	This measure shall be incorporated into emergency response plan.	This plan was submitted to the City of San Francisco's Mayor's Office of Emergency Services on June 4, 2001. Individual owners of each building or complex will need to submit plan prior to certificate of occupancy.	9/25/2000		Submitted May 2001		
<ul style="list-style-type: none"> - Community coordination & response - Coordination with government services - Outreach and training (not only for employees but also residents) - Food and water - Shelter - Sanitation - Consideration of need and potential locations for special facilities (operations, medical, etc.) in the context of the citywide Emergency Response Plan and the Project Area's location in Emergency Response District 3 - Organization of employees into response teams - Employee training in response procedures, including setting up a command post, communications, first aid, evacuation, security and clean-up. 												
H.03b. In addition to the Project Area-wide plan, require each building or complex in the Project Area to prepare an emergency response plan. Each plan would be the responsibility of the owner(s) of each building or complex, and would be reviewed by the City periodically to ensure it is kept up to date.	Owner, other developers	R.A.	Office of Emergency Services (OES)	Include in Project-level response plan; update as necessary	Submit Plan prior to issuance building Certificate of Occupancy.	Emergency response plan shall be completed prior to Certificate of Occupancy.	Individual owners of each building or complex will need to submit plan prior to certificate of occupancy.	9/25/2000		Pending Building Construction		