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JAN 29 2013

Notice of Determination

ORANGE COUNTY CLERK-RECORDER DEPARTMENT

Appendix D

To: [X] Office of Planning and Research... U.S. Mail: P.O. Box 3044... Sacramento, CA 95812-3044... From: [Signature] DEPUTY... Public Agency: Irvine Ranch Water District... Address: 15600 Sand Canyon Avenue... Irvine, CA 92618... Contact: Jo Ann Corey... Phone: 949-453-5326... County Clerk... County of: Orange... Address: 12 Civic Center Plaza, Room 101... Santa Ana, CA 92701... Lead Agency (if different from above): City of Lake Forest... Address: 25550 Commercentre Drive, Suite 100... Lake Forest, California 92630... Contact: Cheryl Kuta... Phone: 949-461-3479

SUBJECT: Filing of Notice of Determination in compliance with Section 21108 or 21152 of the Public Resources Code.

State Clearinghouse Number (if submitted to State Clearinghouse): SCH 2009061020, Rec#201185000471

Project Title: Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Final EIR

Project Applicant: Irvine Ranch Water District (IRWD)

Project Location (include county): Northeast of Regency Lane, Lake Forest, CA

Project Description: This project proposes minor modifications to the City of Lake Forest Sports Park and Recreation Center Final EIR related to the addition of a 24-inch storm drain, which will connect to an existing IRWD drain line in the Sports Park, and an increase to the construction footprint of the previously assessed 16-inch recycled water line to accommodate the required construction equipment.

This is to advise that the Irvine Ranch Water District (IRWD) has approved the above (Lead Agency or Responsible Agency)

described project on January 28, 2013 and has made the following determinations regarding the above described project.

- 1. The project [] will [X] will not have a significant effect on the environment.
2. [X] An Environmental Impact Report was prepared for this project pursuant to the provisions of CEQA.
3. Mitigation measures [X] were [] were not made a condition of the approval of the project.
4. A mitigation reporting or monitoring plan [X] was [] was not adopted for this project.
5. A statement of Overriding Considerations [] was [X] was not adopted for this project.
6. Findings [X] were [] were not made pursuant to the provisions of CEQA.

This is to certify that the final EIR with comments and responses and record of project approval, or the negative Declaration, is available to the General Public at: Irvine Ranch Water District - 15600 Sand Canyon Avenue, Irvine, CA 92618

Signature (Public Agency): [Signature] Title: Engineering Technician III

Date: January 29, 2013 Date Received for filing at OPR:

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Authority cited: Sections 21083, Public Resources Code. Reference Section 21000-21174, Public Resources Code.

ORANGE COUNTY CLERK-RECORDER DEPARTMENT

BY: [Signature] DEPUTY

Recorded in Official Records, Orange County
Renee Ramirez, Assistant Clerk-Recorder
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SEP 04 2012

Recorded in Official Records, Orange County
Tom Daly, County Recorder

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APR 20 2011

By TOM DALY, CLERK-RECORDER
DEPUTY

TOM DALY, CLERK-RECORDER

By JA



NOTICE OF DETERMINATION

TO:	<input type="checkbox"/> Clerk of the Board of Supervisors or <input checked="" type="checkbox"/> County Clerk County of: Orange Address: 12 Civic Center Plaza, Room 101 and Room 106 Santa Ana, CA 92701	FROM:	City of: Lake Forest, Development Services Department Address: 25550 Commercentre Drive, Suite 100, Lake Forest, CA 92630 Contact: Cheryl Kuta, Planning Manager Phone: (949) 461-3479
TO:	<input checked="" type="checkbox"/> Office of Planning and Research P.O. Box 3044 (U.S. Mail) Sacramento, California 95812-3044 1400 Tenth Street, Room 222 (overnight delivery) Sacramento, California 95814		POSTED SEP 04 2012 TOM DALY, CLERK-RECORDER

By JA DEPUTY

SUBJECT: Filing of Notice of Determination in Compliance with Section 21108 or 21152 of the Public Resources Code.

Project Title: City of Lake Forest Sports Park and Recreation Center Project		
State Clearinghouse Number (If submitted to SCH): 2009061020	Contact Person: Cheryl Kuta, Planning Manager	Telephone Number: (949) 461-3479
Specific Project Location - The project site is located in the northwest portion of the City of Lake Forest, north of El Toro Road, west of Portola Parkway, and south of State Route 241 (Section 7, T. 6 S, R. 7 W. and a non-numbered section, T. 6 S., R. 8 W. of the U.S. Geological Survey 7.5-minute El Toro, California quadrangle map). See attached project description for additional details.		
Applicant: City of Lake Forest, 25550 Commercentre Dr., Suite 100, Lake Forest, CA 92630 General Project Location (City and/or County): City of Lake Forest, County of Orange		
Project Description: This is a City-initiated project that involves the phased development of a sports park with athletic fields, hard courts, play grounds, trail connections and a recreation center; extension of Rancho Parkway from its current terminus south of Lake Forest Drive is also proposed. See attached project description for details.		

This is to advise that the (Lead Agency or Responsible Agency) approved the above described project on: April 19, 2011 and made the following determinations:

1. <input checked="" type="checkbox"/>	The project will have a significant effect on the environment.
<input type="checkbox"/>	The project will NOT have a significant effect on the environment

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By FORM "P" DEPUTY

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By AD DEPUTY

By A DEPUTY

2.	<input checked="" type="checkbox"/>	An Environmental Impact Report was prepared and certified for this project pursuant to the provisions of CEQA and reflects the independent judgment of the Lead Agency.
	<input type="checkbox"/>	A Negative Declaration was prepared for this project pursuant to the provisions of CEQA and reflects the independent judgment of the Lead Agency.
	<input type="checkbox"/>	A Mitigated Negative Declaration was prepared for this project pursuant to the provisions of CEQA and reflects the independent judgment of the Lead Agency.
3.	<input type="checkbox"/>	Mitigation measures were made a condition of the approval of the project.
	<input type="checkbox"/>	Mitigation measures were NOT made a condition of the approval of the project.
4.	<input checked="" type="checkbox"/>	A Mitigation Monitoring or Reporting Plan was adopted for this project.
	<input type="checkbox"/>	A Mitigation Monitoring or Reporting Plan was NOT adopted for this project.
5.	<input checked="" type="checkbox"/>	A Statement of Overriding Considerations was adopted for this project.
	<input type="checkbox"/>	A Statement of Overriding Considerations was NOT adopted for this project.
6.	<input checked="" type="checkbox"/>	Findings were made pursuant to the provisions of CEQA.
	<input type="checkbox"/>	Findings were NOT made pursuant to the provisions of CEQA.
7.	<input checked="" type="checkbox"/>	This certifies that the location and custodian of the documents which comprise the record of proceedings for the Final EIR (with comments and responses) or Negative Declaration are available to the general public at the following location(s):
Custodian: City of Lake Forest		Location: City Hall 25550 Commercentre Drive, Suite 100 Lake Forest, CA 92630

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By: [Signature] DEPUTY

Date: 4/20/11

Cheryl Kuta
Signature: Cheryl Kuta
Planning Manager
Title: Planning Manager

Date Received for Filing: _____

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BY: [Signature] DEPUTY **POSTED**

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By [Signature] DEPUTY

The City of Lake Forest is proposing to develop a new sports park and recreation center on approximately 90 gross acres of land in the northeastern portion of the City near the intersection of Portola Parkway and El Toro Road. The proposed project will consist of the following active and passive recreational uses that will be phased as private property acquisitions are negotiated and funding is secured:

- up to six baseball/softball fields;
- up to five soccer/multi-use fields and two fields with a soccer overlay;
- up to six hard courts for basketball and tennis;
- up to two playgrounds including tot lots with sand and play structures;
- a 30,000-square-foot recreation center, currently envisioned as a "youth recreation center," which would include a gymnasium as well as multipurpose/meeting rooms;
- a small amphitheater adjoining the recreation center;
- surface parking lots provided at a rate of roughly 50 spaces per field and 120 spaces for the recreation center for a total of approximately 800 spaces at buildout;
- seating for baseball fields that may be terraced into the areas between infields;
- restrooms and concession areas;
- trail connections to local and regional trails; and
- security lighting and lighting for all sports fields.

The park is envisioned to be open 7 days per week from 7:00 a.m. to 10:00 p.m. A number of potential access locations are currently under consideration and will depend on timing of property acquisition and phasing of the proposed project. The project is anticipated to occur in two to three phases as property is acquired. For the purposes of this EIR, full buildout of the site is anticipated and is assumed to be the proposed project (Phases 1 through 3).

The proposed project also includes the extension of Rancho Parkway between Portola Parkway and Lake Forest Drive pursuant to the County's Master Plan of Arterial Highways and the Lake Forest General Plan Circulation Element and the associated widening of Portola Parkway along the eastern boundary of the Baker property. Development of the proposed sports park would require the extension of utilities to the site, including water, reclaimed water, sewer, electric, gas, and communications. Except for the extension of new utilities within Rancho Parkway, no new offsite infrastructure is required to be installed or expanded. A 16-inch reclaimed water pipeline which currently crosses the site would be relocated on site.

The proposed project also includes a General Plan Amendment (GPA) to re-designate portions of the property to reflect the active and passive areas of the proposed Sports Park. The majority of the Glass Creek property is currently designated for Regional Park/Open Space in the City of Lake Forest General Plan. The proposed GPA would modify the land use designations on the site to reduce the 51.1 acres of Regional Park/Open Space to 20.6 acres, and increase the 7.5 acres of Community Park/Open Space to 38.0 acres.

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BY: _____

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BY: _____

DEPUTY

**Addendum No. 2 to the
City of Lake Forest Sports Park and Recreation Center
Final Environmental Impact Report
(State Clearinghouse No. 2009061020)**

Prepared for:

Irvine Ranch Water District
15600 Sand Canyon Avenue
Irvine, California 92618

Prepared by:

DUDEK
31878 Camino Capistrano, Suite 200
San Juan Capistrano, California 92675

JANUARY 2013

Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Center Final Environmental Impact Report

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and Recreation Center Final Environmental Impact Report**

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APPENDIX

A	Biological Resources Reports
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Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Center Final Environmental Impact Report

ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
AB	Assembly Bill
BACT	Best Available Control Technology
BMP	Best Management Practices
BRA1OA	Baker Ranch Area 1 Owners' Association
CARB	California Air Resources Board
CDFG	California Department of Fish and Game (As of January 1, 2013, California Department of Fish and Wildlife)
CDFW	California Department of Fish and Wildlife (formerly California Department of Fish and Game)
CEQA	California Environmental Quality Act
City	City of Lake Forest
CSS	Coastal Sage Scrub
EIR	Environmental Impact Report
FEIR	Final Environmental Impact Report
HCP	Habitat Conservation Plan
HP	horsepower
IRWD	Irvine Ranch Water District
MLD	most likely descendant
MRZ	mineral resource zone
NAHC	Native American Heritage Commission
NCCP	Natural Community Conservation Plan
PCC	Portland cement concrete
SCAQMD	South Coast Air Quality Management District
SB	Senate Bill
USFWS	U.S. Fish and Wildlife Service
VOC	volatile organic compounds

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and Recreation Center Final Environmental Impact Report**

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Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Center Final Environmental Impact Report

1.0 INTRODUCTION AND PROJECT DESCRIPTION

The Irvine Ranch Water District (IRWD) proposes minor modifications to the City of Lake Forest (City) Sports Park and Recreation Center Final Environmental Impact Report (FEIR). The modifications include addition of a 24-inch storm drain to join existing IRWD drains to a proposed Sports Park drain and an increase to the construction footprint to install the 16-inch recycled water line adjacent to the storm drain, which was assessed in the first Addendum (August 2012) to the Sports Park and Recreation Center. No substantial changes have occurred that warrant preparation of subsequent or supplemental EIRs pursuant to Section 15162 of the California Environmental Quality Act (CEQA) Guidelines.

1.1 Project Background

The City certified the FEIR for the Sports Park and Recreation Center in March 2011 (State Clearinghouse No. 2009061020). This FEIR analyzed the environmental consequences associated with implementation and construction of the Sports Park and Recreation Center. In August 2012, an addendum was prepared to evaluate the relocation of approximately 498 feet of an existing 16-inch recycled water line. The Addendum found that no substantial changes would occur and that no new information of substantial importance would result because of the proposed relocation from what was evaluated in the FEIR.

This Addendum, prepared in accordance with CEQA (California Public Resources Code, Section 21000 et seq.) and its implementing CEQA Guidelines (California Code of Regulations Title 14, Chapter 3, Section 15000 et seq.), addresses two changes from what was previously assessed in the original EIR and first Addendum. The first change is a proposed new 24-inch storm drain, which would join existing 16-inch and 24-inch IRWD storm drains to a 12-inch storm drain currently under construction in the Sports Park. The proposed new drain would extend from a parcel of land owned by the Baker Ranch Area 1 Owners' Association (BRA1OA) to the Sports Park site. The storm drain project and Sports Park projects are both located within the non-reserve lands of the Natural Community Conservation Plan/Habitat Conservation Plan (NCCP/HCP). The second change is an expansion to the construction footprint of the previously assessed 16-inch recycled water line. In the first Addendum, the construction footprint was a maximum of 20 feet wide for a total of 240 feet of disturbance in vegetated areas. Now, the construction footprint is planned to be up to 40 feet wide for a total of 0.21 acre of disturbance in vegetated areas (see the green dashed line on Figure 3). All construction areas would be temporarily impacted and fully restored with native vegetation after construction is completed.

Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Center Final Environmental Impact Report

1.2 Project Setting

The proposed storm drain would be constructed adjacent to the Sports Park project site, which is located near the intersection of Portola Parkway and El Toro Road in the City of Lake Forest, Orange County, California, as shown on Figure 1, Regional Map. The storm drain project and Sports Park projects are both located within the non-reserve lands of the NCCP/HCP. The proposed storm drain would run from a parcel of BRA10A property on to the City of Lake Forest Sports Park property. Figure 2 shows the local vicinity, and Figure 3 shows the proposed project area with the existing storm drains (solid blue line) and the proposed new storm drain (solid red line). The storm drain project boundary is on both the BRA10A property and the Sports Park site and consists of mature coastal sage scrub (CSS). The site provides suitable habitat for the California gnatcatcher (*Polioptila californica*) and the San Diego cactus wren (*Campylorhynchus brunneicapillus couesi*), both of which were observed on site during the biology survey performed by Harmsworth Associates in March 2012 (see Appendix A). The project site itself contains no riparian vegetation. Access to the site is currently provided via an access road off Regency Lane. The BRA10A portion of the project site is designated Regional Park/Open Space by the City's General Plan (City of Lake Forest 2010).

1.3 Proposed Modifications to the Project

This Addendum addresses two modifications to the original project as analyzed in the FEIR and first Addendum. The first proposed modification includes construction of a new 24-inch storm drain to join existing IRWD drains to a Sports Park drain currently under construction. The second proposed modification includes an expansion to the construction footprint for the 16-inch recycled water line. Staging areas for the storm drain construction would be limited to the construction footprint of the recycled water line to the south of the line, and the areas would be restored along with the pipeline alignment to their original condition. Figure 3 shows the proposed new storm drain (solid red line) and associated area of disturbance (dashed red line) and the previously proposed recycled water line (solid green line) and associated area of disturbance (dashed green line) as described above. All construction areas would be temporarily impacted and fully restored with native vegetation after construction is completed (see Appendix A).

Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Center Final Environmental Impact Report

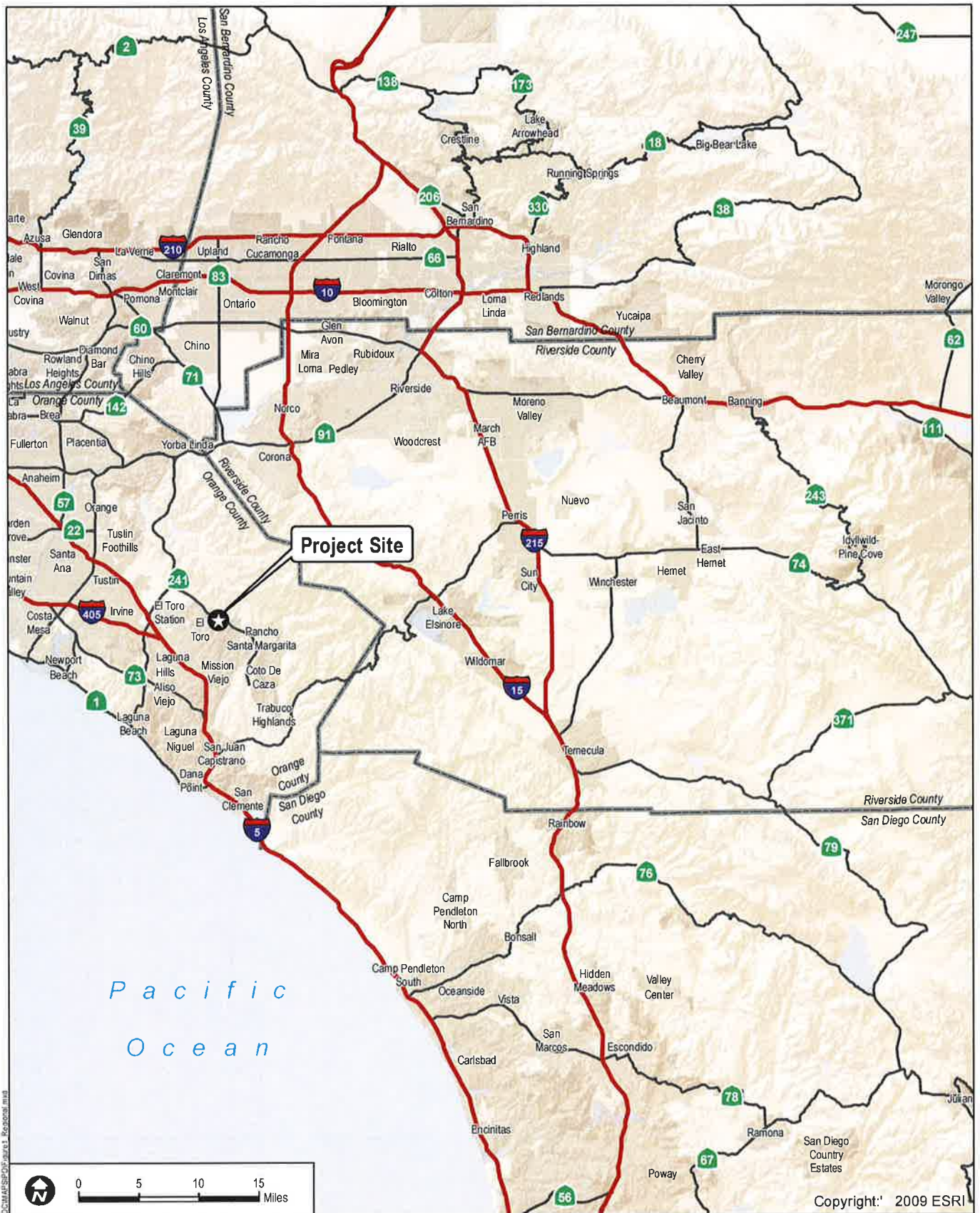
1.4 Project Phasing and Schedule

The addition of a new storm drain as described in this Addendum would be completed concurrently with the construction of the Sports Park, which is currently underway. The construction schedule is proposed as follows:

1. Clearing and grubbing for recycled water line prior to February 15, 2013.
2. Clearing and grubbing for proposed storm drain prior to February 15, 2013.
3. Construction of recycled water line and storm drain would not necessarily occur simultaneously but is expected to begin in February 2013 and occur over approximately 3 months, dependent on weather.
4. Restoration of the construction area throughout 2013.

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and Recreation Center Final Environmental Impact Report**

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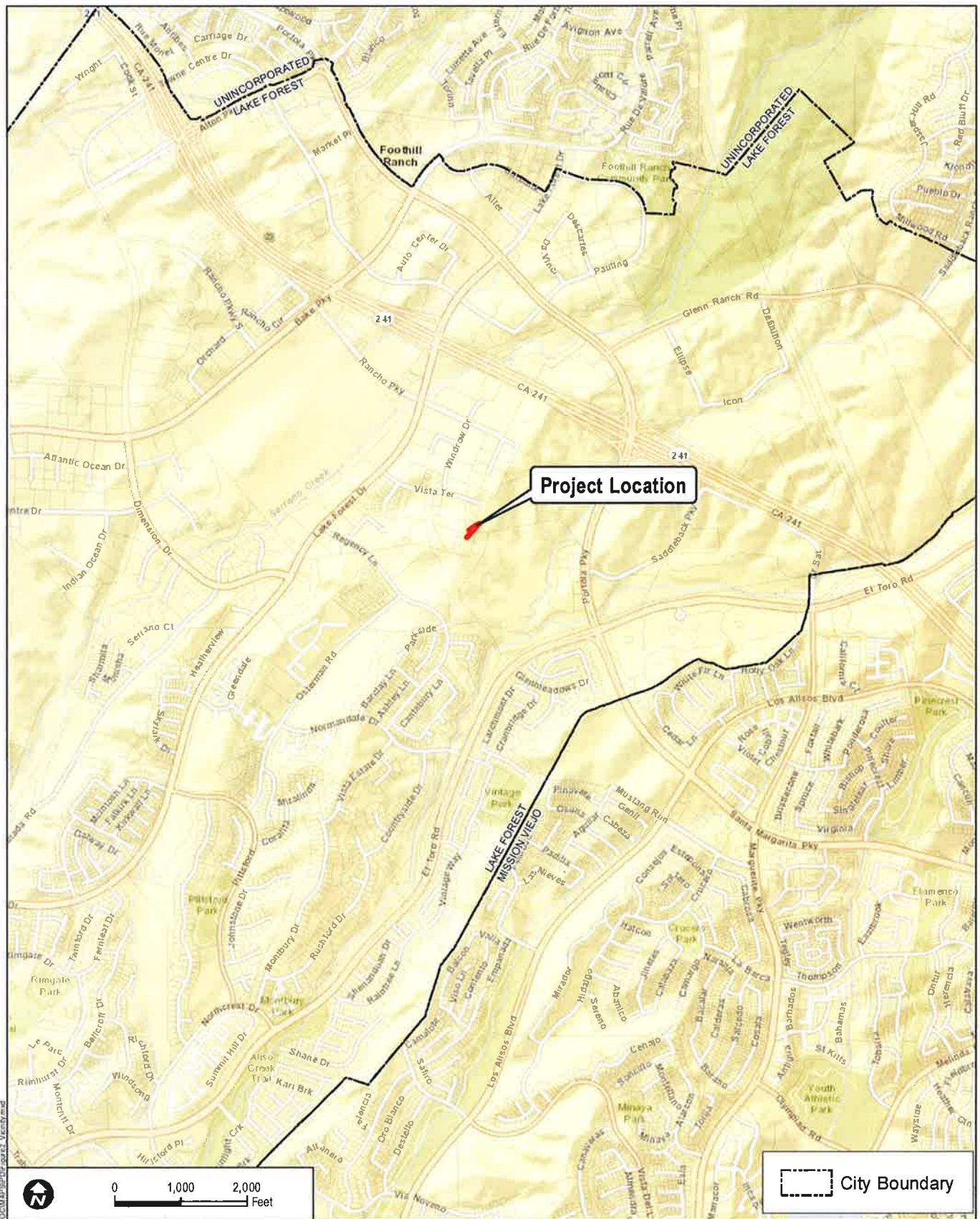
DUDEK

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FIGURE 1
Regional Map

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and Recreation Center Final Environmental Impact Report**

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**FIGURE 2
Vicinity Map**

Addendum No. 2 to the City of Lake Forest Sports Park EIR

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Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Center Final Environmental Impact Report

2.0 ENVIRONMENTAL IMPACT ANALYSIS

The proposed modifications to the original project to construct a new 24-inch storm drain to and expand the construction footprint for the 16-inch recycled water line do not change the conclusions of the impact analysis of the referenced FEIR. The modifications described in Section 1.0 would have no new significant adverse environmental impacts.

To ensure that no significant environmental impacts would occur, the proposed new 24-inch storm drain and expanded construction footprint would adhere to applicable mitigation measures included in the previously certified FEIR for the Sports Park project, as described in the following sections. Only the mitigation measures stated in the certified FEIR that apply to the modifications are restated in the applicable sections below. Some mitigation measures have been slightly revised in order to make the mitigation measures specific to the proposed modifications. Underline indicates added text and strikeout indicates deleted text in the mitigation measures.

2.1 Aesthetics

The project site is surrounded by commercial development to the north, and open space to the west, east, and south. Sensitive views near the proposed new 24-inch storm drain and the 16-inch recycled water line are predominantly from recreational trails located southwest from the pipeline and bike trails located south of the pipeline. Some portion of the trails are visually linked to undeveloped slopes and riparian corridors in the surrounding area, and to the more distant foothills, Whiting Ranch Wilderness Park, and the Cleveland National Forest. The construction of a new 24-inch storm drain to join existing IRWD drains to a Sports Park drain would extend from an IRWD-owned parcel of land, through a parcel of land owned by BRAIOA, and then onto the Sports Park project site. The proposed storm drain is also located within the non-reserve lands of the Orange County Natural Community Conservation Plan/Habitat Conservation Plan (NCCP/HCP) Central/Coastal Subregion. The realignment would not result in any permanent visual impacts and would remain consistent with the aesthetics of the alignment analyzed within the FEIR.

As assessed in the Sports Park and Recreation Center FEIR, construction activities and staging would be visible during the construction phase. In addition, a temporary equipment staging area will likely only occur on paved areas of the IRWD facility depending upon construction conditions. If a temporary staging area is required on the BRAIOA site, it would be restored along with the pipeline alignment to its original condition after construction is completed. No nighttime lighting impacts are anticipated during construction activities.

Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Center Final Environmental Impact Report

The proposed modifications would not substantially degrade the existing visual character or quality of the site and its surroundings since the alignments would be restored to their original condition after construction is completed. The proposed project area is near the top of the ridgeline where the existing water tank is located. Facilities would not extend into public neighborhoods.

Since the project would restore the alignments and temporary staging areas to their original condition, any potential aesthetic impacts associated with the proposed modifications would be less than significant and no mitigation measures would be required.

2.2 Agricultural Resources

The area is zoned as Other Land, as shown on the Orange County Important Farmland Map (CDC 2011), and is not in an area identified as Prime Farmland or Farmland of Statewide Importance. There are no agricultural activities practiced on the Sports Park project site, the BRA10A site, or the IRWD property, nor is there a Williamson Act contract in force on any of these properties. The City's Land Use Policy Map has designated the project site as Regional Park/Open Space (City of Lake Forest 2010). There is no change in impacts related to agricultural resources associated with the proposed modifications. Therefore, no impacts related to agricultural resources would occur and no mitigation measures would be required.

2.3 Air Quality

The proposed construction of a new 24-inch storm drain to join existing IRWD drains to a Sports Park drain and expansion of the construction footprint for the 16-inch recycled water line would involve limited use of construction equipment for approximately 3 months, dependent on weather, and restoration activities for up to 10 months. Construction activities would result in minor construction emissions from heavy equipment exhaust, construction-related trips by workers, material hauling trucks, and associated fugitive dust generation from clearing and grading activities. The principal pollutants would be carbon monoxide (CO), volatile organic compounds (VOC), oxides of nitrogen (NO_x) and PM₁₀. VOC and NO_x are precursors of ozone (O₃). Due to the limited construction activities associated with the proposed modifications, construction emissions are expected to be below the South Coast Air Quality Management District (SCAQMD) significance thresholds and are therefore less than significant. Once constructed, the proposed project would not result in any impacts related to air quality, such as those from maintenance activities, which were not previously analyzed in the FEIR. Therefore, any potential air quality impacts associated with construction of a new 24-inch storm drain and expansion of the construction footprint for the 16-inch recycled water line would be less than significant, and no mitigation measures would be required.

Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Center Final Environmental Impact Report

2.4 Biological Resources

Harmsworth Associates conducted biological assessments at the Lake Forest Zone C Recycled Water Relocation Project in March 2012 and January 2013, specifically within the IRWD property and BRA10A site and documented the habitat and species observed during the assessment.

Portions of the proposed new 24-inch storm drain and expanded construction footprint for the 16-inch recycled water line would occur within CSS habitat areas. Only temporary vegetation removal would occur during relocation of the existing pipeline, and vegetation areas impacted would be fully restored to pre-construction conditions (ornamental landscaping and CSS habitat). No impacts to jurisdictional waters would result from the construction of a new storm drain or an expanded construction footprint.

The proposed project would be located within the non-reserve lands of the NCCP/HCP. The proposed new 24-inch storm drain would run from IRWD's property northeast through the BRA10A property and then on to the City's Sports Park property. As previously mentioned, construction of the new storm drain would only result in temporary impacts and no permanent impacts due to the full CSS restoration; therefore, no net loss of habitat would occur.

Sensitive wildlife that would be affected by noise and other construction-related disturbances include the California gnatcatcher (*Polioptila californica californica*) and the San Diego cactus wren. Clearing and grubbing activities are anticipated to start in February 2013 and be completed prior to February 15, 2013, thus avoiding the nesting gnatcatcher breeding season. Should construction activities occur during bird nesting season, implementation of Mitigation Measure BIO-4 described below is required.

In order to address the potential for impacts to sensitive wildlife, Mitigation Measures BIO-1, BIO-2, and BIO-4 are incorporated into the project to ensure biological resource impacts would be less than significant (ICF 2010, pp. 3.3-6–3.3-8, 3.3-14). It should be noted that BIO-1 and the portion of BIO-2 requiring confirmation of the presence and quantity of CSS have been satisfied through biological studies referenced in the Sports Park and Recreation Center FEIR (ICF 2010) and by the Biological Assessments prepared by Harmsworth Associates (2012 and 2013). The language in BIO-2 regarding payment of in-lieu fees to the NCCP Reserve does not apply to the proposed project because no permanent impacts would occur as a result of the new 24-inch storm drain and expanded construction footprint for the 16-inch recycled water line. The bulleted language within BIO-2 pertaining to avoidance and minimizations would apply to the proposed project.

Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Center Final Environmental Impact Report

Mitigation Measures

BIO-2 **Loss of Coastal Sage Scrub Habitat and Plant and Animal Species Protected by the NCCP/HCP (OSA PEIR MM 3.42).** Prior to ~~recording of a subdivision map or~~ issuance of a grading permit, ~~whichever comes first~~, the applicant shall retain a qualified, permitted biologist to confirm the presence and quantity of coastal sage scrub habitat located on the project site. If coastal sage scrub habitat is found to be located on the project site, the applicant shall submit proof to the director of development services that in-lieu fees have been paid to the County of Orange Central/Coastal Natural Communities Conservation Plan (NCCP) Reserve. Currently, these fees are assessed at \$65,000 per acre of coastal sage scrub habitat lost.

The applicant shall also demonstrate to the satisfaction of the director of development services compliance with the following NCCP construction impact avoidance measures or such measure in effect at the time of construction:

- To the maximum extent practicable, no grading of CSS habitat that is occupied by nesting gnatcatchers will occur during the breeding season (February 15 through July 15). It is expressly understood that this provision and the remaining provisions of these “construction-related minimization measures” are subject to public health and safety considerations. These considerations include unexpected slope stabilization, erosion control measures, and emergency facility repairs. In the event of such public health and safety circumstances, landowners or public agencies/utilities will provide USFWS/CDFGW [U.S. Fish and Wildlife Service/California Department of Fish and Wildlife] with the maximum practicable notice (or such notice as is specified in the NCCP/HCP) to allow for capture of gnatcatchers, cactus wrens, and any other CSS identified species that are not otherwise flushed and will carry out the following measures only to the extent as practicable in the context of the public health and safety considerations.
- Prior to the commencement of grading operations or other activities involving significant soil disturbance, all areas of CSS habitat to be avoided under the provisions of the NCCP/HCP shall be identified with temporary fencing or other markers clearly visible to construction personnel. Additionally, prior to the commencement of grading operations or other activities involving disturbance of CSS, a survey will be conducted to locate gnatcatchers and cactus wrens within 100 feet of the outer extent of projected soil disturbance

Addendum No. 2 to the City of Lake Forest Sports Park and Recreation Center Final Environmental Impact Report

activities, and the locations of any such species shall be clearly marked and identified on the construction/grading plans.

- A monitoring biologist, acceptable to USFWS/CDFG will be on site during any clearing of CSS. The landowner or relevant public agency/utility will advise USFWS/CDFG at least seven (7) calendar days (and preferably fourteen (14) calendar days) prior to the clearing of any habitat occupied by identified species to allow USFWS/CDFG to work with the monitoring biologist in connection with bird flushing/capture activities. The monitoring biologist will flush identified species (avian or other mobile identified species) from occupied habitat areas immediately prior to brush-clearing and earthmoving activities. If birds cannot be flushed, they will be captured in mist nets, if feasible, and relocated to areas of the site to be protected or to the NCCP/HCP Reserve System. It will be the responsibility of the monitoring biologist to assure that identified bird species will not be directly affected by brush-clearing and earthmoving equipment in a manner that also allows for construction activities on a timely basis.
- Following the completion of initial grading/earth movement activities, all areas of CSS habitat to be avoided by construction equipment and personnel will be marked with temporary fencing or other appropriate markers clearly visible to construction personnel. No construction access, parking, or storage of equipment or materials will be permitted within such marked areas.

BIO-4 **If construction activities must occur during the nesting season (February 15 to September 1).** All suitable habitat would be thoroughly surveyed for the presence of nesting birds by a qualified biologist before commencement of disturbance activities. If an active nest is detected, the vegetation containing the nest, along with a 200- to 300-foot buffer around it, would be flagged and avoided until the nest is no longer active, as determined by a qualified biologist.

Impacts to biological resources are consistent with impacts identified within the FEIR and implementation of these mitigation measures would reduce biological resource impacts to less than significant.

2.5 Cultural Resources

Construction activities related to the new 24-inch storm drain and expanded construction footprint for the 16-inch recycled water line would not result in changes to archeological and historical resources; therefore, cultural resources would not be significantly impacted. There are

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archaeological/historical resources that are located within close proximity to the project site; however, none met the California Register of Historic Resource criteria or met the definition of a “unique archaeological resource” (ICF 2010). No human remains were identified during the surface survey during the preparation of the Sports Park and Recreation Center Project FEIR. In the unlikely event that archaeological/historical resources and/or human remains are encountered during grading or excavation activities during construction, the following mitigation measures would reduce potential impacts to less than significant (ICF 2010, pp. 3.4-18, 3.4-19).

Mitigation Measures

CR-1 Archaeological construction monitoring.

In accordance with Public Resources Code Section 21083.2(i), should unidentified cultural resources be encountered during construction, work in the immediate vicinity of the find shall cease until a qualified archaeologist can evaluate the find for CRHR eligibility and determine whether it constitutes a unique archaeological resource for purposes of CEQA. Should the accidental discovery be identified as a significant historical resource, or a unique archaeological resource, appropriate treatment recommendations will be developed, which may include avoidance, data recovery excavation, or other mitigation. The following mitigation measures from the OSA PEIR would be applicable to archaeological construction monitoring (Mitigation Measure CR-1) for the proposed project:

- If artifacts are uncovered, they shall be prepared, identified, and cataloged before donation to the accredited repository designated by the City of Lake Forest. State of California Guidelines for the Curation of Archaeological Collections shall be consulted regarding the treatment of recovered artifacts. Any artifacts determined to be insignificant shall be offered to local schools for use in education programs (OSA Mitigation Measure 3.5-3).
- The If a qualified archaeologist is retained, and should unidentified cultural resources be encountered, the qualified archaeologist shall prepare a final report to be filed with the City. The qualified archaeologist retained shall prepare a final report to be filed with the site developer(s), the City of Lake Forest, and the South Coast Central Information Center. The report shall include a list of specimens recovered, documentation of each locality, and interpretation of artifacts recovered as well as all specialists’ reports as appendices (OSA Mitigation Measure 3.5-4).

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CR-2 Consultation with county coroner and notification of most likely descendant.
If human remains are encountered, California Health and Safety Code Section 7050.5 states that no further disturbance can occur until the county coroner has made a determination of origin and disposition pursuant to California Public Resources Code Section 5097.98. The county coroner must be notified of the find immediately. If the remains are determined to be prehistoric, the coroner will notify the NAHC [Native American Heritage Commission], which will determine and notify the most likely descendent (MLD). With the permission of the landowner or his/her authorized representative, the MLD may inspect the site of the discovery. The MLD may recommend scientific removal and nondestructive analysis of human remains and items associated with Native American burials.

Impacts to cultural resources are consistent with those found within the FEIR, and implementation of these mitigation measures, as needed, would reduce cultural resource impacts to less than significant.

2.6 Geology and Soils

There would be no change in stormwater runoff and subsequent soil erosion impacts resulting from ground disturbance during construction of the new 24-inch storm drain. The proposed new 24-inch storm drain would involve grading and excavation, which would not expose people or structures to seismic hazards. A temporary equipment staging area would likely only occur on paved areas of the IRWD facility depending upon construction conditions. No habitable structures are proposed, and construction of the storm drain would be engineered to avoid impacts caused by soil settlement or movement of soil due to earthquakes. Construction would take less than 1 month to complete and would include erosion control measures to minimize impacts on geology and soils during construction. As such, impacts related to geology and soils would be less than significant, and no mitigation measures would be required.

2.7 Greenhouse Gases

The proposed new 24-inch storm drain would involve the use of construction equipment for approximately 3 months, dependent on weather. Due to the limited construction activities associated with the proposed project, greenhouse gas emissions are expected to be below a level of significance. Once constructed, the proposed project would not result in any additional impacts related to greenhouse gases that were not previously analyzed under the FEIR. Therefore, any potential greenhouse gas emissions associated with construction of the new storm drain would be less than significant, and no mitigation measures would be required.

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2.8 Growth-Inducing Impacts

The proposed new 24-inch storm drain and expanded construction footprint for the 16-inch recycled water line would not affect population, employment, or housing. As assessed in the FEIR, no changes to land use or zoning designations to permit new residential or commercial development are proposed or are related to the proposed new 24-inch storm drain or expanded construction footprint for the 16-inch recycled water line. Additionally, the proposed project would not remove any obstacles to growth or otherwise result in the potential to induce population or economic growth. Therefore, no impacts related to growth-inducement are anticipated.

2.9 Hazards

There will be no change in the number of hazards encountered during construction of the new 24-inch storm drain or due to the proposed expanded construction footprint for the 16-inch recycled water line. The proposed construction activities may involve introducing limited quantities of hazardous materials, such as diesel fuel, gasoline, lubricating oil, grease, and solvents. No acutely hazardous materials would be handled on site. Therefore, any impacts related to hazardous materials would be less than significant, and no mitigation measures would be required.

2.10 Hydrology and Water Quality

The proposed project involves the construction of a new 24-inch storm drain to join existing IRWD drains to a Sports Park drain currently under construction. Construction activities may result in minimal temporary changes to drainage patterns or stormwater runoff. These changes would be negligible when compared to the existing conditions. The proposed project would have a less-than-significant impact to the existing drainage pattern of the site and would not result in significant new hydrology or water quality impacts. Impacts to hydrology and water quality would be less than significant, and no mitigation measures would be necessary.

2.11 Land Use and Planning

The proposed new 24-inch storm drain and expanded construction footprint for the 16-inch recycled water line would have no significant impacts on land use and planning. The proposed project would be in a General Plan designation of Public Facility within the IRWD site and Regional Park/Open Space within the BRA10A site (City of Lake Forest 2010). The proposed project would still be consistent with the City of Lake Forest General Plan and zoning designations for the site. Therefore, no impacts related to land use and planning are expected, and no mitigation measures would be required.

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2.12 Minerals

Portions of the proposed new 24-inch storm drain and expanded construction footprint for the 16-inch recycled water line would be located in a state-designated mineral resource zone 2 (MRZ-2) area for Portland cement concrete (PCC)-grade aggregate and sand resources (on the BRA10A parcel) (ICF 2010). However, the proposed project would not be located within the City's mineral resource overlay as depicted in the City's Land Use Policy Map. Construction of a new 24-inch storm drain through BRA10A would occur following the completion of current mining operations and related reclamation on the parcel. Per the requirements of the reclamation plan, the site has been vacated as of November 15, 2010 (ICF 2010). Therefore, the proposed new 24-inch storm drain and expanded construction footprint for the 16-inch recycled water line would not create a loss of availability of a known mineral resource. Therefore, no impacts on mineral resources would occur, and no mitigation measures would be required.

2.13 Noise

The proposed new 24-inch storm drain would involve the use of grading and excavation equipment for approximately 3 months, dependent on weather. Indirect impacts could occur to birds nesting in habitat/vegetation areas adjacent to the work area as a result of noise and other construction-related disturbance. Sensitive wildlife potentially affected by noise and other construction-related disturbances include Cooper's hawk (*Accipiter cooperii*), yellow-breasted chat (*Icteria virens*), Southern California rufous-crowned sparrow (*Aimophila ruficeps*), California gnatcatcher, and coastal cactus wren. The construction of the storm drain would occur outside the nesting gnatcatcher breeding season (February 15–July 15). Construction of the storm drain is anticipated to begin in early February 2013 and be completed prior to February 15, 2013. However, in the event that construction would occur within the bird nesting season, Mitigation Measure BIO-4 would apply (ICF 2010, p. 3.3-14).

Mitigation Measures

BIO-4: If construction activities must occur during the nesting season (February 15 to September 1). All suitable habitat would be thoroughly surveyed for the presence of nesting birds by a qualified biologist before commencement of disturbance activities. If an active nest is detected, the vegetation containing the nest, along with a 200- to 300-foot buffer around it, would be flagged and avoided until the nest is no longer active, as determined by a qualified biologist.

Mitigation Measure BIO-4, as discussed in Section 2.4 above and in Section 3.3, Biological Resources, of the Sports Park and Recreation Center FEIR, addresses impacts on nesting birds by

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avoiding construction activities during the nesting season or establishing a buffer around nesting sites to reduce sound levels at nesting sites. Therefore, potential noise impacts would be reduced to a level that is less than significant.

2.14 Paleontological Resources

The proposed new 24-inch storm drain and expanded construction footprint for the 16-inch recycled water line would not result in changes to the paleontological resources analysis in the FEIR. The project area is considered to have a High to Very High paleontological sensitivity rating, and the fossils found within these geologic units were considered scientifically very significant and important for research and display (ICF 2010). Implementation of the applicable mitigation measures listed in the FEIR would ensure impacts to paleontological resources are less than significant (ICF 2010, pp. 3.12-6, 3.12-7, 3.12-8).

Mitigation Measures

PALEO-2: Educate Construction Personnel in Recognizing Fossil Material. ~~The City~~ IRWD will ensure that all construction personnel receive training provided by an Orange County-certified professional paleontologist experienced in teaching non-specialists to ensure that they can recognize fossil materials in the event any are discovered during construction.

PALEO-4: Stop Work if Fossil Remains Are Encountered During Construction; Conduct Treatment as Appropriate. If fossil remains are discovered during project-related activities, activities in the vicinity of the find will stop immediately until a qualified professional paleontologist can assess the nature and importance of the find and a qualified professional paleontologist can recommend appropriate treatment. Treatment may include preparation and recovery of fossil materials so that they can be housed in an appropriate museum or university collection and may also include preparation of a report for publication describing the finds. ~~The City~~ IRWD will be responsible for ensuring that recommendations regarding treatment and reporting are implemented. The work will be conducted in conformance with the Orange County guidelines as defined in Eisentraut and Cooper (2002) and meet the requirements for recovery, salvage, laboratory preparation, preparation to the point of taxonomic identification, transferal, and preparation and submittal.

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PALEO-6: Prepare, Identify, and Catalog Recovered Fossils (OSA MM 3.5-7). Fossils recovered shall be prepared, identified, and catalogued before donation to the accredited repository designated by the City of Lake Forest.

Impacts to paleontological resources would be within the scope of the paleontological resource impacts previously addressed in the FEIR and implementation of these mitigation measures would reduce paleontological resource impacts to less than significant.

2.15 Public Services/Utilities

The project would involve the construction of a new 24-inch storm drain to join existing IRWD drains to a Sports Park drain currently under construction. The storm drain would extend from IRWD-owned property through a parcel of land owned by BRA10A and then back on the Sports Park site. The pipelines being joined by the proposed storm drain may be temporarily out of service for short periods to connect to temporary and permanent improvements during the construction period.

The project would not require additional fire services and police protection; would not result in impacts to schools, libraries, or other public facilities; and does not require the construction or expansion of recreational facilities. The construction of the new storm drain would occur concurrently with the construction of the Sports Park and Recreation Center, which is currently underway. Therefore, impacts related to public services/utilities would be less than significant, and no mitigation measures would be required.

2.16 Recreation

The construction of a new 24-inch storm drain and expansion of the 16-inch recycled water line construction footprint would not be located within proximity to a local trail (City of Lake Forest 2010; ICF 2010). Therefore, impacts related to recreation would be less than significant, and no mitigation measures would be required.

2.17 Transportation and Circulation

There would be no change in the temporary lane or road closures during construction activities related to the proposed new 24-inch storm drain and expanded construction footprint. In addition, construction vehicle traffic would not interfere with bicycle or pedestrian circulation in the project area. There would be no change in traffic during construction activities related to the proposed project from construction trucks and vehicles associated with construction worker commutes. Therefore, impacts related to transportation and circulation would remain less than significant, and no mitigation measures would be required.

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and Recreation Center Final Environmental Impact Report**

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3.0 DETERMINATION

Based on the information and analysis in this Addendum, and pursuant to Section 15162 of the CEQA Guidelines, IRWD has determined that:

1. There are no substantial changes to the project that would require major revisions to the FEIR due to new, significant environmental effects or a substantial increase in the severity of impacts identified in the FEIR;
2. Substantial changes have not occurred in the circumstances under which the project is being undertaken that would require major revisions to the FEIR to disclose new, significant environmental effects or a substantial increase in the severity of the impacts identified in the FEIR; and
3. There is no new information of substantial importance not known at the time the FEIR was certified that shows the project would have any new significant effects not discussed in the certified FEIR or a substantial increase in the severity of the impacts identified in the FEIR, or that mitigation measures or alternatives previously found not feasible, or that are considerably different from those analyzed in the FEIR, would substantially reduce one or more significant effects.

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4.0 REPORT PREPARERS

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4.2 Dudek

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Rachel Struglia, Principal

Tyler Friesen, GIS Analyst

Becky Golden-Harrell, Technical Editor

Amy Seals, Technical Editor

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and Recreation Center Final Environmental Impact Report**

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5.0 REFERENCES

- CDC (California Department of Conservation). 2011. *Orange County Important Farmland Map 2010*. August 2011. Accessed July 30, 2012.
<ftp://ftp.consrv.ca.gov/pub/dlrp/FMMP/pdf/2010/>.
- California Public Resources Code, Section 21000–21177. California Environmental Quality Act (CEQA), as amended.
- City of Lake Forest. 2010. *Lake Forest General Plan*. July 20, 2010. Accessed July 27, 2012.
http://www.lakeforestca.gov/depts/ds/planning/plan_docs/default.asp.
- Harmsworth Associates. 2013. *Revised Report on Lake Forest Zone C Recycled Waterline Relocation Offsite Area*. January 15, 2013.
- Harmsworth Associates. 2012. *Lake Forest Zone C Recycled Water Relocation Project Biological Assessment*. March 26, 2012.
- ICF. 2010. *City of Lake Forest Sports Park and Recreation Center Draft Environmental Impact Report*. December 2010

**Addendum No. 2 to the City of Lake Forest Sports Park
and Recreation Center Final Environmental Impact Report**

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APPENDIX A
Biological Resources Reports

HARMSWORTH ASSOCIATES

Environmental Consultants

March 26, 2012

Mr. Chris Kessler
Irvine Ranch Water District
3512 Michelson Drive
Irvine, California 92612.

Re: Lake Forest Zone C Recycled Water Relocation Project Biological Assessment

Dear Mr. Kessler,

This letter documents the results of a biological assessment conducted at the Lake Forest Zone C Recycled Water Relocation Project in March, 2012 by Harmsworth Associates.

On March 23, 2011 HWA biologist Paul Galvin conducted a biological assessment at the project site. The project site consists of the proposed alignment of a relocated recycled water line, at the Lake Forest Zone C Reservoir (Figures 1 and 2). The project site is located in the city of Lake Forest, Orange County, California; northeast of Regency Lane. The project site is located within the non-reserve lands of the Orange County Natural Community Conservation Plan (NCCP/HCP) Central/Coastal Subregion; Central Subarea.

The proposed waterline realignment would run from the Zone C tank northeast through the Baker Ranch and then onto the future city Sports Park. The assessment was conducted within IRWD property and the Baker Ranch property only.

An area of landscaping surrounded the Reservoir and associated structures (Figure 3). This landscaping consisted of eucalyptus trees (*Eucalyptus* sp.), with an understory of lemonadeberry (*Rhus integrifolia*), prickly pear cactus (*Opuntia littoralis*) and California sagebrush (*Artemisia californica*). The landscaped area is maintained and watered.

Beyond the landscaped area, in both the IRWD property and the Baker Ranch property, the site consisted of mature coastal sage scrub (CSS). The CSS was dominated by California sagebrush, with prickly pear cactus and black sage (*Salvia mellifera*) also common. Laurel sumac (*Malosma laurina*), lemonadeberry, toyon (*Heteromeles arbutifolia*), deerweed (*Lotus scoparius*), mulefat (*Baccharis salicifolia*) and everlasting (*Gnaphalium* sp.) were also present (Photographs 1-3).

The site provides suitable habitat for the California gnatcatcher (*Polioptila californica californica*) and the San Diego cactus wren (*Campylorhynchus brunneicapillus sandiegensis*). A pair of gnatcatchers was observed onsite during the survey; and a pair of wrens and an occupied wren nest was also detected onsite (Photograph 4).

The site area also supports other wildlife including; Anna' hummingbird (*Calypte anna*), Bewick's wren (*Thryomanes bewickii*), wrenit (*Chamaea fasciata*), Common bushtit (*Psaltriparus minimus*), California towhee (*Pipilo crissalis*), spotted towhee (*Pipilo maculatus*), house finch (*Carpodacus mexicanus*) and lesser goldfinch (*Carduelis psaltria*).

If you need additional information please contact me at (714) 389-9527.

Yours sincerely,
Harmsworth Associates

A handwritten signature in black ink, appearing to read "Paul Galvin". The signature is written in a cursive, flowing style.

Paul Galvin, M.S.
Vice President

CC: Randy Sundberg (IRWD)



Figure 1: Lake Forest Zone C Recycled Water Relocation Project site, Lake Forest, California. Source: USGS topo.



SPORTS PARK

SPORTS PARK

BAKER RANCH

IRWD

ZONE II EAST
RESERVOIR
DOMESTIC
WATER

16" CML&C STEEL PIPE
RECYCLED WATER MAIN



SCALE: 1" = 40'



Figure 3: Vegetation map of the project site.



Photograph 1: Landscaped area adjacent reservoir.



Photograph 2: CSS along proposed alignment, looking towards reservoir.



Photograph 3: CSS along proposed alignment, looking towards the north.



Photograph 4: Cactus wren nest in prickly pear cactus, outside proposed alignment.

HARMSWORTH ASSOCIATES

Environmental Consultants

January 15, 2013

Jonathan Snyder
US Fish and Wildlife Service
2730 Loker Avenue West
Carlsbad, CA 92008

David Mayer
Department of Fish and Game
4949 Viewridge Avenue
San Diego, CA 92123

Lyn McAfee
Director
Nature Reserve of Orange County
15600 Sand Canyon Ave.
Irvine, CA 92618

Re: Revised report on Lake Forest Zone C Recycled Waterline Relocation Off-Site Area

Dear Mr. Snyder; Mr. Mayer; Ms. McAfee,

The City of Lake Forest is proposing to develop a new sports park and recreation center (City of Lake Forest Sports Park and Recreation Center) in the northeastern portion of the City near the intersection of Portola Parkway and El Toro Road. The proposed project consists of active and passive recreational uses. The City of Lake Forest is the lead agency for the proposed project environmental impact report (SCH #2009061020) pursuant to the State of California Environmental Quality Act (CEQA) Guidelines. The EIR analyses the potential impacts and provides mitigation measures for the proposed project, including compliance with the Orange County Natural Community Conservation Plan (NCCP/HCP) Central/Coastal Subregion.

As a result of the Sports Park an Irvine Ranch Water District (IRWD) recycled waterline that would provide water to the Sports Park would need to be re-located. The waterline would need to be re-located to an off-site area that was not addressed in the project's EIR or NCCP compliance. The re-located waterline would go through an area of coastal sage scrub within the non-reserve lands of the Orange County Natural Community Conservation Plan (NCCP/HCP) Central/Coastal Subregion; Central Subarea.

In addition, two existing IRWD storm drains (existing 16-inch and existing 24-inch IRWD storm drains) that currently outlet on the hillside, will be joined to a new 24-inch storm drain currently under construction in the Sports Park, at the request of the City of Lake Forest. The proposed new 24-inch drain is located adjacent the recycled waterline and would extend from a parcel of land owned by the Baker Ranch Area 1 Owners' Association to the Sports Park site.

This portion of the proposed 24-inch drain is an area of coastal sage scrub within the non-reserve lands of the Orange County Natural Community Conservation Plan/Habitat Conservation Plan (NCCP/HCP) Central/Coastal Subregion.

IRWD is obtaining approvals for relocation of the waterline and the new storm drain in the off-site area, which includes IRWD property and the adjacent Baker Ranch Area 1 Owner's Association (any impacts from portions of the waterline and the new storm drain through the Sports Park were addressed in the EIR).

IRWD has contracted environmental consultant Dudek to prepare California Environmental Quality Act (CEQA) documentation for the project. After analysis of the recycled pipeline relocation and new storm drain projects, IRWD found that an Addendum to the City of Lake Forest Sports Park and Recreation Center EIR would be the appropriate document as the biological impacts and mitigation measures associated with the project would be consistent with those found in the EIR.

IRWD requested, and obtained provisional approval from NROC, USFWS and CDFG, for the waterline in fall 2012; however, the city has now informed IRWD of the need to include the new storm drain. This report documents the full extent of impacts expected during both pipeline installations.

The IRWD project area (the off-site portion of the waterline/storm drain) consists of the proposed alignment of the 16" relocated recycled concrete/steel waterline, that would run from the Zone II East Reservoir IRWD property northeast through the Baker Ranch Area 1 Owners Association to the boundary with the future city Sports Park; and the storm drain from the current outlet to the boundary of the Sports Park. The IRWD project site is located within the non-reserve lands of the Orange County Natural Community Conservation Plan (NCCP/HCP) Central/Coastal Subregion; Central Subarea.

The proposed impacts are within an area that was not owned or controlled by IRWD (or TIC) at the time that the NCCP/HCP was signed. This area therefore qualifies for use of the in-lieu fee to offset impacts to occupied or unoccupied CSS. However, as the impacts would be temporary, IRWD is proposing to restore the disturbed CSS area and install a mitigation area with CSS, rather than using the in-lieu fee program.

Project location and site description

The project site is located in the city of Lake Forest, Orange County, California; northeast of Regency Lane (Figures 1 and 2). The project site is located within the non-reserve lands of the Orange County Natural Community Conservation Plan (NCCP/HCP) Central/Coastal Subregion; Central Subarea. The proposed waterline realignment would run from the Zone II East Reservoir IRWD property northeast through the Baker Ranch Area 1 Owners Association to the boundary with the city Sports Park.

An area of landscaping surrounds the Reservoir and associated structures (Figure 3). This landscaping consisted of eucalyptus trees (*Eucalyptus* sp.), with an understory of

lemonadeberry (*Rhus integrifolia*), prickly pear cactus (*Opuntia littoralis*) and California sagebrush (*Artemisia californica*). The landscaped area is maintained and watered.

Beyond the landscaped area, in both the IRWD property and the Baker Ranch Area 1 Owners Association property, the site consisted of mature coastal sage scrub (CSS). The CSS was dominated by California sagebrush, with prickly pear cactus and black sage (*Salvia mellifera*) also common. Laurel sumac (*Malosma laurina*), lemonadeberry, toyon (*Heteromeles arbutifolia*), deerweed (*Lotus scoparius*), mulefat (*Baccharis salicifolia*) and everlasting (*Gnaphalium* sp.) were also present.

The site provides suitable habitat for the California gnatcatcher (*Polioptila californica californica*) and the San Diego cactus wren (*Campylorhynchus brunneicapillus sandiegensis*). A pair of gnatcatchers was observed onsite and a pair of wrens and an occupied wren nest was also detected onsite (Photograph 4) during a survey conducted in March 2012. The birds have now completed nesting for the 2012 season.

The site area also supports other wildlife including; Anna' hummingbird (*Calypte anna*), Bewick's wren (*Thryomanes bewickii*), wrentit (*Chamaea fasciata*), Common bushtit (*Psaltriparus minimus*), California towhee (*Pipilo crissalis*), spotted towhee (*Pipilo maculatus*), house finch (*Carpodacus mexicanus*) and lesser goldfinch (*Carduelis psaltria*).

Proposed work plan

Recycled waterline

The work would start at the connection with the existing waterline on the southeast side of the reservoir and working towards the boundary with the Sports Park; a total length of approximately 498-feet. The first 258-feet of the alignment would be over existing paved areas, the remaining 240-feet would be over vegetated areas. The next 55 feet would be over landscaped areas and the final 185 feet would be over native coastal sage scrub areas. The proposed work plan in the vegetated areas is to clear a 40-foot path along the pipeline alignment, 15 on the west side and 25 on the east side to accommodate the large machinery required to install the pipe and due to the steep grades. A smaller path is required in the paved areas.

All access would be along this cleared path, no additional work areas would be required. The trench would be dug, the pipe installed and the area back-filled. After project completion all contours would be restored to original grade and landscaped areas replanted.

24-inch storm drain

The work would start at the recycled waterline area, as the two sites overlap. The entire 40-feet of the alignment within the IRWD area (from the existing storm drain outlets to the Sports Park boundary) would be over native coastal sage scrub areas. The proposed work plan in the vegetated areas is to clear a 40-foot path along the pipeline alignment,

15 on the west side and 25 on the east side to accommodate the large machinery required to install the pipe and due to the steep grades.

All access would be along this cleared path, no additional work areas would be required. The trench would be dug, the pipe installed and the area back-filled. After project completion all contours would be restored to original grade.

Work is proposed to start in spring 2013 and would take approximately two months to complete. All vegetation and grading work will be completed prior to the start of the bird nesting season in February.

Potential Impacts to Non-Reserve Areas

Recycled waterline

Temporary impacts (unavoidable clearing of bushes/shrubs) would occur to the 185-foot (0.17-acres) of coastal sage scrub as a result of the proposed waterline. It will not be possible to avoid all cactus due to the size of the work area required. A total of 10 cactus clumps totaling approximately 0.018 acres (756 ft²) would be impacted (The area of cactus is included within and not in addition to the 0.17 acres of CSS). The cactus that cannot be avoided will be salvaged prior to commencing vegetation clearing and stored on-site for re-planting after project completion. All topsoil in the work area will also be salvaged and stored within the work area for use during restoration.

24-inch storm drain

Temporary impacts (unavoidable clearing of bushes/shrubs) would occur to the 40-foot (0.04-acres) of coastal sage scrub as a result of the proposed waterline. It will not be possible to avoid all cactus due to the size of the work area required. A total of 2 cactus clumps totaling approximately 0.002 acres (104 ft²) would be impacted (The area of cactus is included within and not in addition to the 0.04 acres of CSS). The cactus that cannot be avoided will be salvaged prior to commencing vegetation clearing and stored on-site for re-planting after project completion. All topsoil in the work area will also be salvaged and stored within the work area for use during restoration.

Total project impacts to CSS is as follows;

- 0.17 acres of CSS from recycled waterline (including 0.018 acres of cactus)
- 0.04 acres of CSS from 24-inch storm drain (including 0.002 acres of cactus)
- A total of 0.21 acres of CSS (including 0.02 acres of cactus)

Monitoring plan

All work will be conducted in accordance with NCCP construction-related minimization measures (Pursuant to Mitigation Monitoring Program §10.1, items 1 through 6). Prior to any additional work the following monitoring and minimization measures will be implemented:

- The work area will be flagged,

- Pre-construction surveys will be conducted for California gnatcatcher and cactus wren,
- All work will be conducted outside the bird nesting season (February 15 – July 15),
- A monitoring biologist will be onsite during all construction work, to ensure compliance with the NCCP construction-related minimization measures,
- After project completion the work area will be cleaned up and all equipment, flagging etc removed from site,
- A post-construction assessment will be conducted by the biologist to document final impacts to CSS and cactus scrub,
- The impacted area will be restored as per the restoration plan,
- The site will be monitored and maintained for 3 years.

Mitigation

All work will be conducted in accordance with NCCP construction-related minimization measures (Pursuant to Mitigation Monitoring Program §10.1, items 1 through 6). All work will be conducted outside the bird nesting season (February 15 – July 15). In addition, prior to conducting any of the work, focused California gnatcatcher (*Polioptila californica californica*) and general bird surveys would be conducted to document any nesting birds in the work area. Any active bird nests would be protected by a 50-foot buffer, and would remain in place until the nest was complete and no longer being used by the birds.

A monitoring biologist will be present during all construction activity to ensure compliance with the NCCP IA. All disturbed areas will be restored to appropriate native habitats, after project completion.

The proposed impacts are within an area that was not owned or controlled by IRWD (or TIC) at the time that the NCCP/HCP was signed. This area therefore qualifies for use of the in-lieu fee to offset impacts to occupied or unoccupied CSS. However, as the impacts would be temporary, IRWD is proposing to restore the disturbed CSS area with CSS and implement onsite mitigation, rather than using the in-lieu fee program.

All disturbed areas onsite will be restored at a 1:1 ratio after project completion. The landscaped areas will be restored with the same landscaping mix as currently exists onsite (which is predominately a native CSS mix). The disturbed CSS area will be restored with CSS. CSS restoration will include a mixture of container plants and hand seeding with a standard CSS plant/seed mix. All salvaged cactus will be restored to the disturbed area.

In addition, a 0.21 acre mitigation site (a 1:1 ratio of impacts to mitigation) will be established onsite to compensate for project impacts. The mitigation site will be restored

with CSS. CSS restoration will include a mixture of container plants and hand seeding with a standard CSS plant/seed mix.

Planting and seeding will take place after completion of the work and will be timed to coincide with natural rainfall (seeding will occur between November and February). Weeding will be conducted in the seeded areas, as necessary, during the first two years after seeding. The restored CSS will have 75% cover of native species within three years after planting/seeding.

A detailed mitigation plan will be prepared and provided to the agencies prior to start of construction work onsite.

If you need additional information please contact me at (714) 389-9527.

Yours sincerely,
Harmsworth Associates

A handwritten signature in black ink, appearing to read "Paul Galvin". The signature is fluid and cursive, with the first name "Paul" written in a larger, more prominent script than the last name "Galvin".

Paul Galvin, M.S.
Vice President

CC: Christian Kessler (IRWD)
Jo Ann Corey (IRWD)

Planting list Lake Forest Zone C site.

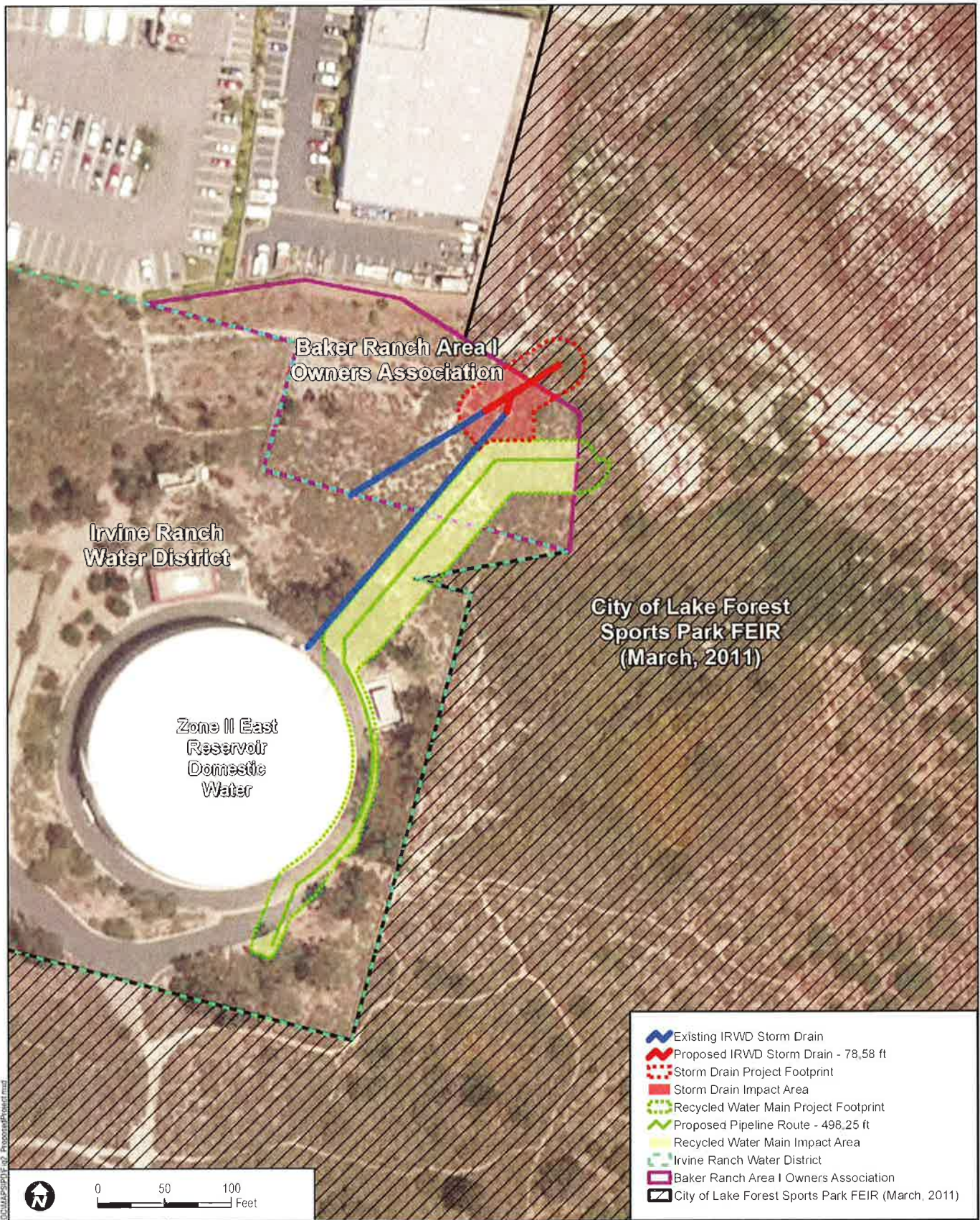
Scientific Name	Common Name	Size
<i>Opuntia prolifera</i>	Coastal cholla	50
<i>Opuntia littoralis</i>	coast prickly pear cactus	200
<i>Artemisia californica</i>	Coastal sagebrush	35
<i>Encelia californica</i>	California encelia	25
<i>Eriogonum fasciculatum</i>	California buckwheat	35
<i>Heteromeles arbutifolia</i>	Toyon	5
<i>Malosma laurina</i>	Laurel sumac	5
<i>Rhus integrifolia</i>	Lemonadeberry	5
<i>Sambucus mexicana</i>	Mexican elderberry	5

Seed mix for Lake Forest Zone C site.

Scientific Name	Common Name	Seed Quantity (lbs/acre)
<i>Artemisia californica</i>	California sagebrush	3.0
<i>Bromus carinatus</i>	California brome	5.0
<i>Encelia californica</i>	California encelia	1.0
<i>Eriogonum fasciculatum</i>	California buckwheat	3.0
<i>Eriophyllum confertiflorum</i>	Golden yarrow	2.0
<i>Eschscholzia californica</i>	California poppy	2.0
<i>Deinandra fasciculata</i>	Fascicled tarweed	1.0
<i>Lasthenia californica</i>	Coastal goldfields	2.0
<i>Lotus scoparius</i>	Deerweed	4.0
<i>Lupinus succulentus</i>	Arroyo Lupine	1.0
<i>Melica imperfecta</i>	Melic grass	1.0
<i>Mimulus aurantiacus</i>	Bush monkeyflower	2.0
<i>Nassella pulchra</i>	Purple needlegrass	3.0
<i>Nassella lepida</i>	Foothill needlegrass	3.0
<i>Plantago erecta</i>	Dwarf plantain	2.0
<i>Salvia columbariae</i>	Chia	1.0
<i>Sisyrinchium bellum</i>	Blue-eyed Grass	1.0
<i>Vulpia microstachys</i>	Small fescue	5.0
TOTAL		42.0



Figure 1: Lake Forest Zone C Recycled Water Relocation Project site, Lake Forest, California. Source: USGS topo.



DUDEK

7036-05

SOURCE: Bing, Orange County 2012

Addendum No. 2 to the City of Lake Forest Sports Park EIR

FIGURE 2
Proposed Project

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Figure 3: Vegetation map of the project site.

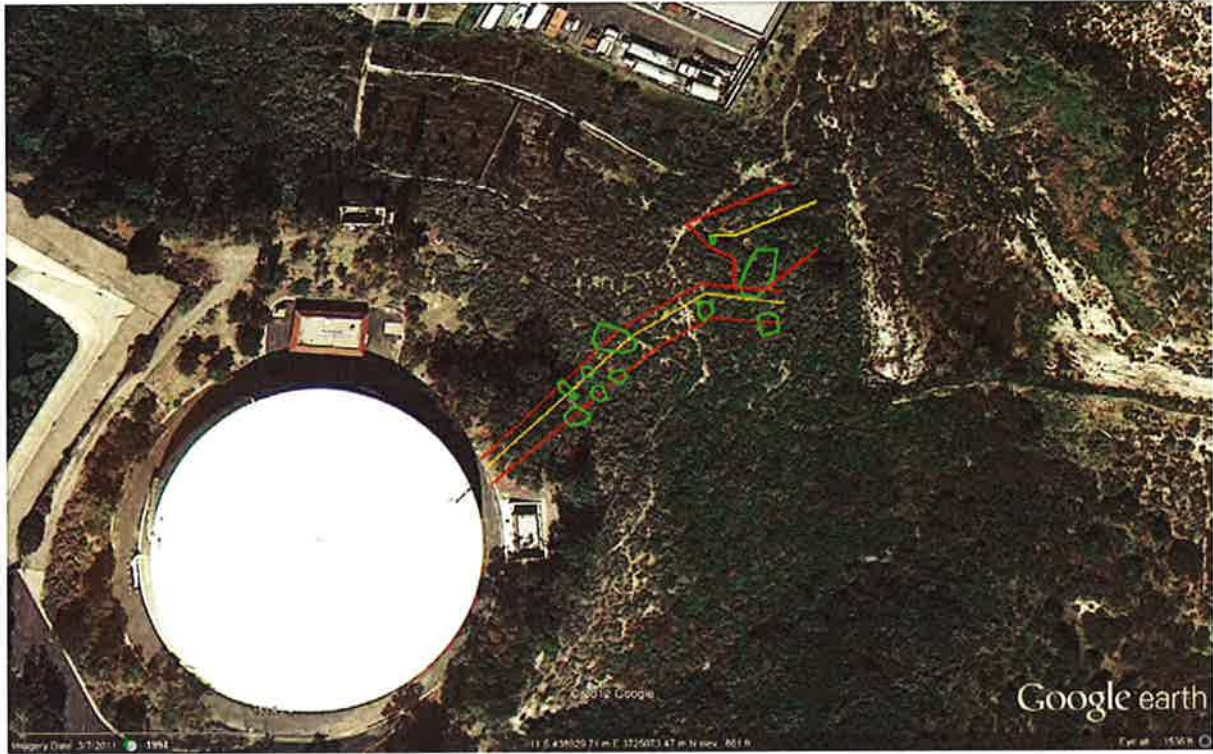


Figure 4: Approximate waterline/storm drain alignments (yellow line), impact area (red lines) and impacted cactus (green polygons).