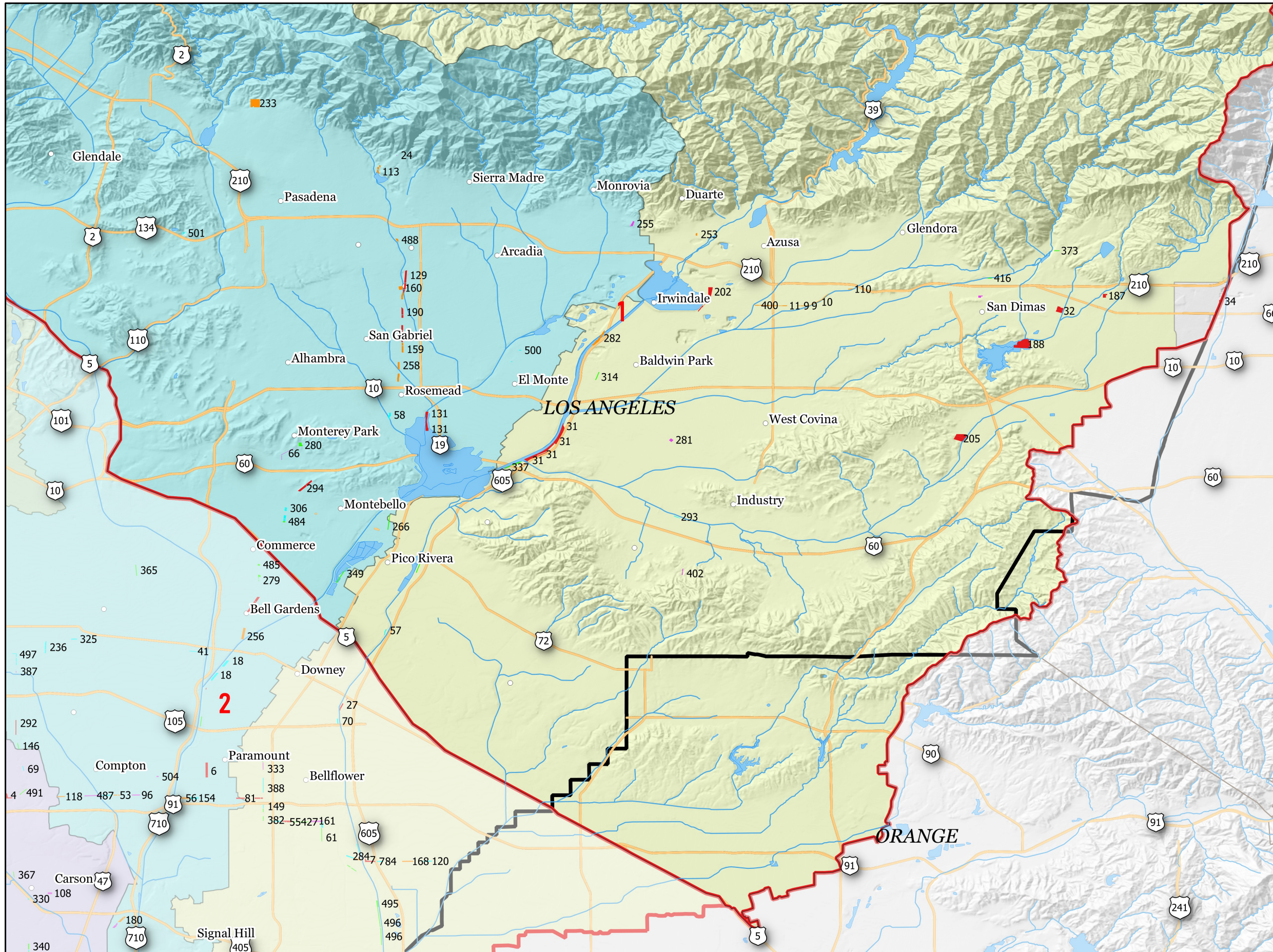


FIGURE 1.2 Los Angeles County Irrigated Lands Group
Sampling Region 1, East Portion



Legend

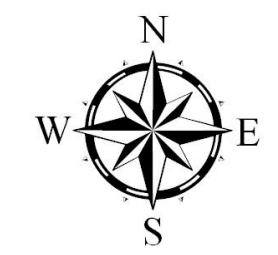
- Sampling Region and Number
- LA Cities
- Streams
- CA State Roads and Numbers
- LA County Boundary

Enrolled Growers by Group

- Unknown (No Data)
- Micro Growers
- Small Growers
- Medium Growers
- Large Growers

Watersheds

- Dominguez Channel LA LBHarbor
- Los Angeles River
- Santa Clara River
- San Gabriel River
- Santa Monica Bay
- Ventura River
- Misc. Ventura Coastal Stream
- Callegus Creek



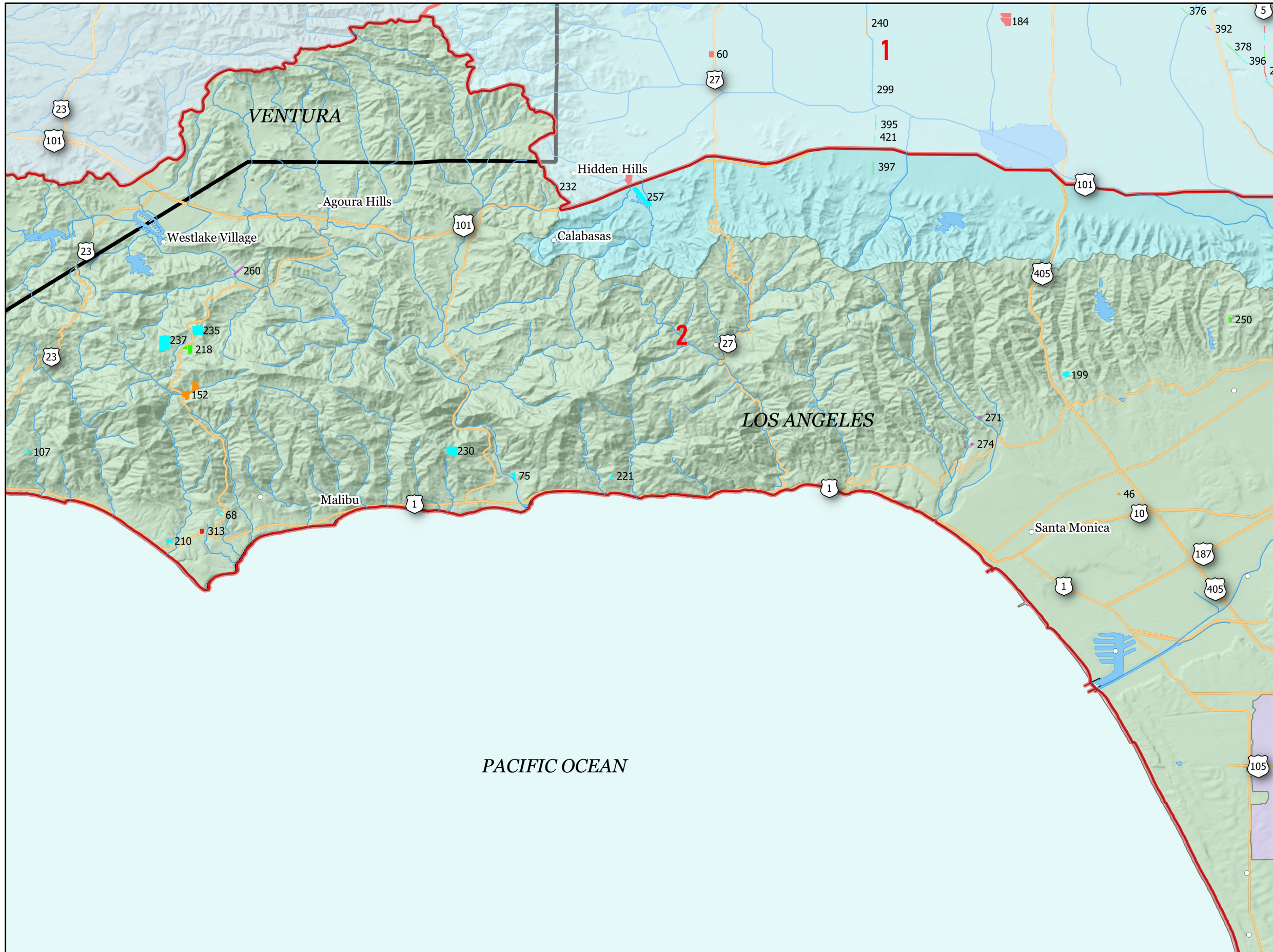
Scale: 1 Inch = 2.5 Miles

Prepared by:

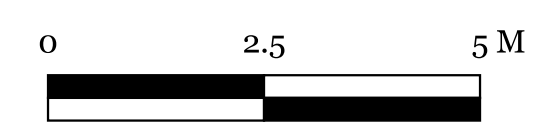
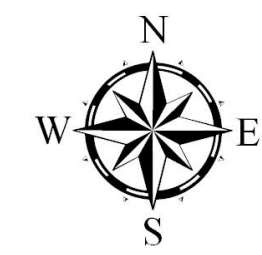
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FIGURE 1.3 Los Angeles County Irrigated Lands Group
Sampling Region 2, West Portion

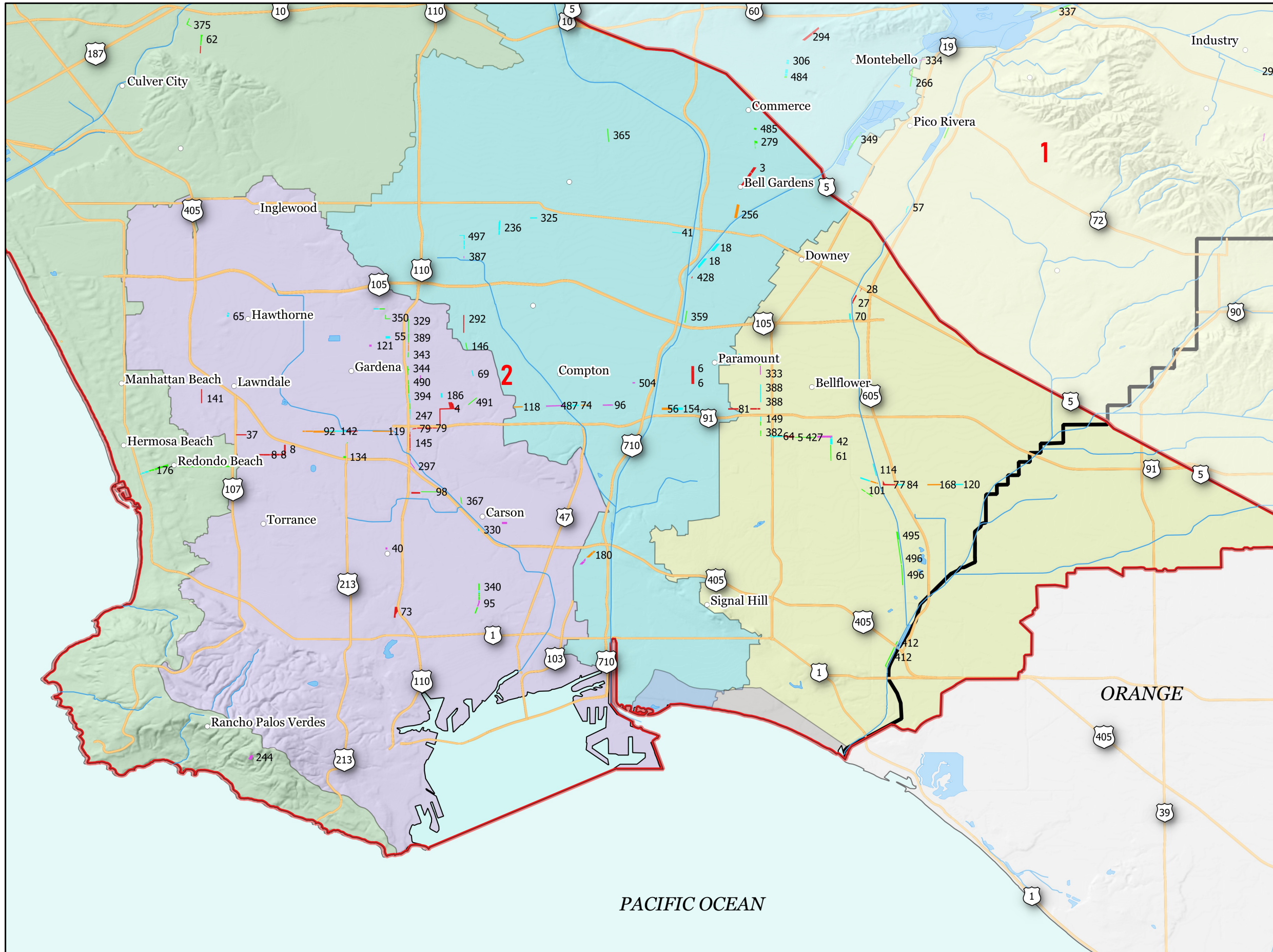


- Legend**
- Sampling Region and Number
 - LA Cities
 - Streams
 - CA State Roads and Numbers
 - LA County Boundary
- Enrolled Growers by Group**
- Unknown (No Data)
 - Micro Growers
 - Small Growers
 - Medium Growers
 - Large Growers
- Watersheds**
- Dominguez Channel LA LBHarbor
 - Los Angeles River
 - Santa Clara River
 - San Gabriel River
 - Santa Monica Bay
 - Ventura River
 - Misc. Ventura Coastal Stream
 - Callegus Creek



Scale: 1 Inch = 2.5 Miles

FIGURE 1.4 Los Angeles County Irrigated Lands Group Sampling Region 2, East Portion



Legend

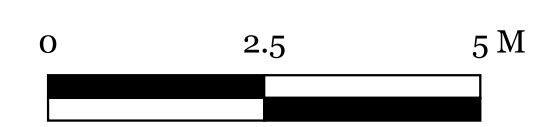
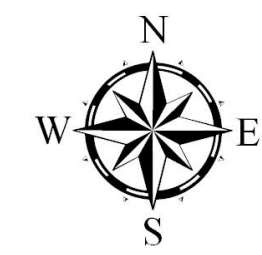
- Sampling Region and Number
- LA Cities
- Streams
- CA State Roads and Numbers
- LA County Boundary

Enrolled Growers by Group

- Unknown (No Data)
- Micro Growers
- Small Growers
- Medium Growers
- Large Growers

Watersheds

- Dominguez Channel LA LB Harbor
- Los Angeles River
- Santa Clara River
- San Gabriel River
- Santa Monica Bay
- Ventura River
- Misc. Ventura Coastal Stream
- Callegus Creek



Scale: 1 Inch = 2.5 Miles

Prepared by:

PACIFIC RIDGELINE

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APPENDIX A

**UPDATED LIST OF LOS ANGELES COUNTY IRRIGATED LANDS
GROUP, AS OF DECEMBER 15, 2022**

NGA #	GROUP	SAMPLING REGION	NUTRIENT GROUPING	PESTICIDE GROUPING	WATER GROUPING	OWNER/ TENANT	OPERATOR/ CONTACT	PARCEL			DWP/SCE	CROP TYPE	WATERSHED	ACREAGE		PAPERWORK			EDUCATION					GROUP DUES						
								APN	ADDRESS	CITY				TOTAL	IRRIGATED	Info	BMP Q	General Q	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
													X = COMPLIANT			X = COMPLIANT; N/A= site not operational; 1 = 1 HOUR EARNED					X = COMPLIANT; N/A= site not operational									
233	Medium	N	Outlier	High	Low	Nuccio's Nursery, Inc.	Julius Nuccio	583-0018-003	3555 Chaney Trail	Altadena	Other	GO	LA	78	5	X	X	X	X						X	X	X	X	X	X
235	Small	S				Malibu Rocky Oaks Vineyard	Howard Leight	2058-017-025	340 Kanan Road	Malibu	Other	V	SM	37	9	X			X	X	X			X	X	X	X	X	X	
236	Medium	S	Low	Low	Low	Amigos Nursery, LLC	Sergio Vasquez	6049-008-278 6049-009-282 6049-009-285 6049-018-291 6049-018-292 6043-032-270 6043-032-272 6043-032-275 6044-007-902	1420 E. 92nd Street	Los Angeles	DWP	GO	LA	12.86	8	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
237	Small	S	Low	Low	Low	Saddlerock Ranch / The Semle	Calvin Radsick	2058-016-008 2058-016-022	31727 Mulholland Hwy	Malibu	Other	M	SM	90	30	X	X	X	X	X	X	X	X	X	X	X	X	fire	n/a	
239	Medium	N	Low	Low		California Nurseries	Jose Gutierrez	2644-002-900 2644-002-904 2644-002-905 2644-004-900 2644-004-901 2644-004-902 2644-004-903	14301 Van Nuys Blvd	Arleta	DWP	GO	LA	4.27	4.27	X	X	X		X	X	X		X	X	X	X	X	X	X
240	Medium	N	Low	Low		California Nurseries	Jose Gutierrez	2784-009-902	18955 Roscoe Blvd	Northridge	DWP	GO	LA	2.5	2.5	X	X	X	X	X	X	X		X	X	X	X	X	X	
244	Micro	S	Low	Low	Low	Clark Vineyard	Cindy Adden	7567-010-026	11 Packsaddle Rd East	Rolling Hills	Other	V	SM	0.9	0.7		X	X						X	X	X	X	X		
247	Small	S	Average	Low	High	Fuku Bonsai Nursery	Juan Duran	6121-003-902 6121-002-901	560 W. 168th St.	Gardena	DWP	GO	D	2.2	2.2	X	X	X						X	X		X	X		
250	Unknown	S				Greene-Lania Vineyard	Jeff Greene	4387-028-008	9505 Lania Ln.	Beverly Hills	Other	V	SM	5	3									X	X	X	X	X		
251	Small	N	Average	Low	Low	Kenyon Landscape	Kenny Unger	2615-010-901	14899 Chatsworth Dr.	North Hills	DWP	GO	LA	2	1.64	X	X	X						X	X	X	X	X		
253	Medium	N	Low		High	Landscape Warehouse Nurser	Jose Robles	8610-001-800	2800 Royal Oaks Dr	Duarte	SCE	GO	SG	2	1.25	X	X	X						X	X	X	X	X		
255	Micro	N	Outlier	Average	Low	Organicado	Lily Peratoner	8527-025-022	460 Old Ranch Rd	Bradbury	Other	O	LA	2.5	1	X	X	X						X	X	X	X	X		
256	Medium	S	Low	Average	High	Pro Growers, Inc.	Sal Mora	6230-023-801 6230-023-800	8303 S. Scout Ave	Bell Gardens	SCE	GO	LA	13	13	X	X	X	X	X	X	X	X	X	X	X	X	X		
258	Medium	N	Average	Average	Low	Mimosa Nursery / Shima Nurs	Frank Tsushima	5372-020-804 5372-020-801	8521 Valley Blvd.	Rosemead	Other	GO	LA	7.8	4	X	X	X						X	X	X	No	X		
259	Large	N				Devil Mountain / Shima Nurse	James Gonzalez	5371-010-802	8500 E. Marshall	Rosemead	Other	GO	LA	4.67	2.2	X	X	X			X	X	X	X	X	X	X	X		
260	Micro	S	Low	Low	Low	Triunfo Canyon Vineyards	Steve and Laura Gilbard	2063-002-092	3030 Triunfo Canyon Rd	Agoura	SCE	V	SM	9	3.5	X	X	X						X	X	X	X	X		
265	Unknown	S				Chikugo-En Bonsai Nursery	Gary Ishii	6106-019-064 6106-019-063 6106-019-062	18110 S Western Ave	Gardena	Other	M	D	3	2									X	X	X	X	X		
266	Medium	N				Girasol Nursery	Angela Montoya	6373-016-270 6373-017-272 6373-016-906 5272-031-274 5272-032-271 5272-005-271 5272-005-273	8555 Spruce St	Pico Rivera	DWP	GO	LA	3	2.92	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
267	Small	N	Average	High	High	Jackson Shrub Supply, Inc.	Kevin Jackson	2320-009-902 2320-006-907 2320-005-904 2320-005-903	11505 Vanowen St	North Hollywood	DWP	GO	LA	6.7	6.7	X	X	X	X	X		X		X	X	X	X	X		
269	Small	S				Rudy's Plants	Rudy Villareal	6129-004-024	336 W Redondo Beach Blvd	Gardena	Other	C	D	1.86	1	X	X	X	X					X	X	X	X			
270	Small	S	Average	Low	Low	Lucky Plants	Gerardo Ramirez	7404-001-278	902 E. Sepulveda Blvd	Carson	DWP	GO	D	0.82	0.82	X	X	X						X	X	X	X			
271	Micro	S		Low	Low	Melhill Vineyards	Jeff Lotman	4432-011-045	1805 Melhill Way	Los Angeles	Other	V	SM	0.3	0.3	X	X	X		X				X	X	X	X			
272	Small	N	Average	High	Average	Paramount Nursery	Cecilio Cabral	2531-016-801 2530-006-800	11944 Terra Bella St	Sylmar	SCE	GO	LA	7	5	X	X	X	X			X	X	X	X	X	X			
274	Small	S	Low	Low	Low	Hearth Trust Amalfi Vineyard	Tammy Anderson	4425-005-032	1515 Amalfi Dr	Pacific Palisades	Other	V	SM	5	1	X	X	X	X			X	X	X	X	X	X			
278	Small	N	High	Low	Low	Bertha's Gardens/Western Ga	Bertha Diehl	2731-024-901 2729-024-901	18451 Lassen St.	Northridge	DWP	GO	LA	1.21	1.21	X	X	X						X	X	X	X			
279	Unknown	S				Castaneda Nursery	Heriberto Castaneda	6332-018-809 6332-018-811 6332-018-815 6332-018-818	6270 Slauson Ave	Commerce	SCE	GO	LA	8.5	8.5			X	X					X	X	X	X			
280	Unknown	N				Castaneda Nursery	Heriberto Castaneda	5263-037-804 5263-037-801 5263-037-802 5263-037-805	1690 Isabella Ave.	Monterey Park	Other	GO	LA	5	4			X	X					X	X	X	X			
282	Large	N	Average	Low	High	Garden View Inc.	Julie Meahl	8535-020-902 8535-020-801	12901 Lower Azusa Rd	Irwindale	SCE	GO	SG	10	5	X	X	X	X	X	X	X	X	X	X	X	X			
283	Small	S	Average	Low	Low	Gardena Hills Nursery	Gilberto Lopez	6089-023-282	12597 S Budlong Ave	Los Angeles	DWP	GO	D	2	2	X	X	X						X	X	X	X			
284	Small	S	Low	Low	High	House of Bonsai	Victoria Lee	7048-012-800 7048-012-801 7048-012-802	5214 Palo Verde Avenue	Lakewood	SCE	GO	SG	5	5	X	X	X						X	X	X	X			

Not Enrolled

NGA #	GROUP	SAMPLING REGION	NUTRIENT GROUPING	PESTICIDE GROUPING	WATER GROUPING	OWNER/ TENANT	OPERATOR/ CONTACT	CROP TYPE	Watershed	TOTAL ACREAGE	IRRIGATED ACREAGE
208	Unknown	N				1940 Las Palomas, LLC	Raul Alvarado	O	SM	4.00	3.50
206	Micro	N	Low	Low	High	A & R Nursery, Inc.	Adrian Lopez	GO	LA	2.50	0.80
277	Unknown	S				Abeja Nursery	Dimas Carbajal	GO	D	4.00	3.00
308	Unknown	N				Agua Dulce Winery	Judy Kajama	V	SC	75.00	62.00
276	Small	S	Low	Low		AJ Nursery, Inc.	Juan Ramos	GO	LA	6.50	5.00
327	Unknown	N				American Sprinkler & Cardanali Nursery	IP	IP	LA	2.05	2.05
17	Medium	N	Low	Average	Low	Arbor Nursery Plus	Tony Rodriguez	GO	SG	8.00	6.00
264	Small	N	Low	Low	Low	Ben K Bonsai Nursery	Young Min	GO	LA	1.60	0.75
304	Unknown	N				Chuy's Nursery	Jesus Martinez	GO	LA	3.00	2.00
39	Micro	N	Low	Low	Low	Dave's Four Seasons Wholesale Nursery	Dave Martinez	GO	SG	0.75	0.57
398	Unknown	N				David Garcia Nursery	David Garcia	IP	SC	0.35	0.35
424	Unknown	S				Felipe Serrano	Felipe Serrano	IP	IP	0.61	0.61
33						formally Color Spot - parcel owner CO SANITATION DIST NO 8		C	D	31.55	18.50
351	Unknown	S				Gomez Calderon Nursery	Gomez Calderon	IP	LA	3.80	3.80
492	Unknown	N				Green Landscape Nursery	Richard Green	IP	IP	4.00	3.41
44	Small	N	Low	Low		Green Leaf Nursery	Fermin Gutierrez	GO	LA	3.50	3.00
310	Small	S	Average	Low	Low	Green Touch Nursery	Oscar Vargas	GO	LA	0.81	0.81
209	Unknown	N				Greenshower Nursery	Steven Lin	GO	SM	2.60	2.00
431	Unknown	N				Hacienda Growers Nursery	Daniel Keefe	IP	IP	5.20	1.80
301	Unknown	N				Horizon Nursery	Rafael Rosalez	GO	IP	3.50	2.00
105	Small	N	High	Average	Low	Live Art Landscapes, Inc.	Larry Tabelling	GH	LA	3.91	3.91
321	Unknown	S				Lucky Plants Nursery	Steven Chu	IP	D	3.00	2.50
287	Unknown	N				Maggie's Farm	Nate Peitso	R	IP	4.00	4.00
112	Small	S	Average	Low	Average	Mezcala Nursery	Sergio Vargas	GO	LA	3.00	2.00
135	Unknown	S				Okada Nursery, Inc.	Herb Okada	GO	SG	8.00	6.00
429	Unknown	N				Pine Hills Nursery	Francisco Huizar	IP	IP	3.00	2.25
433	Unknown	N				Pine Hills Nursery	Francisco Huizar	IP	IP	2.00	1.50
426	Unknown	N				Ramon Ramirez Nursery	Ramon Ramirez	IP	IP	2.60	2.60
418	Unknown	S				RJ's Demolition and Disposal	Maricela Rodriguez	IP	LA	1.59	1.59
419	Unknown	S				RJ's Demolition and Disposal	Maricela Rodriguez	IP	LA	2.91	2.91
317	Unknown	N				Starline Nursery Company	David Mejia	GO	SG	2.50	2.00
318	Unknown	N				Starline Nursery Company	David Mejia	GO	SG	2.50	2.00
319	Unknown	N				Sunshine Food & Nursery	Kevin Wong	GO	LA	6.50	5.00
169	Medium	N	Average	High	Average	Tapia Bros., Inc.	Tom Tapia	R	LA	60.00	40.00
170	Unknown	S				Toro Nursery Inc.	Salvador Sanchez	C	D	17.00	15.78
295	Small	S				Torrance Wholesale Nursery	Margaret Edelman	GO	D	2.00	1.87
303	Unknown	S				Western Plants and Trees	Alberto Reyes	GO	IP	0.68	0.50
405	Medium	S	Low	Average	Low	Ayon Nursery	Jesus Ayon	IP	IP	16.00	14.00
27	Large	S	High	High	Low	Certified Plant Growers, Inc.	Tom Miesen	C	SG	10.00	5.00
402	Micro	N				Fantasy Nursery	Apolonio Diaz	GO	SG	3.00	2.00
42	Small	S	Average	Low		Fausto's Nursery	Fausto Garcia	GO	SG	4.50	2.40
311	Small	N	Average	Low		LA Sanchez Nursery	Eusebio Sanchez	GO	SG	1.50	1.00
57	Small	N	Low	Low	Average	LA Sanchez Nursery	Eusebio Sanchez	GO	SG	4.00	1.50
113	Medium	N	High	High	Average	Magic Growers, Inc.	Bob & Leilani Underwood	GO	LA	8.00	8.00
257	Small	S	Low	Low	Average	Scarborough Farms	Ann Stein	R	LA	7.00	6.00
134	Unknown	S				Sempervirens Botanical Company	John Low	C	D	2.00	1.00
73	Large	S	Average	High	Average	International Plant Growers, Inc.	Peter Landowski	C	D	7.00	4.00
225	Small	S	Low	Average	Low	Caro's Ridge	David Valdez	V	SM	3.75	2.00
302	Micro	S	Average	Average	High	Ramirez Strawberry Ranch	Rigoberto Ramirez	R	LA	2.50	2.00
246	Small	S	Average	Average	Low	Dolin Malibu Estates	5970 Cavalleri Rd	V	SM	1.80	0.80

NGA#	OWNER/ TENANT	OPERATOR/ CONTACT	PARCEL			DWP/SCE	MAILING				CROP TYPE	Watershed	ACREAGE	
			APN	ADDRESS	CITY		ADDRESS	CITY	STATE	ZIP			TOTAL	IRRIGATED
2	Ayon Nursery	Jesus Ayon	8207-019-801 8207-019-802	16448 Haliburton Rd	Hacienda Heights		PO Box 91922	City of Industry	CA	91745	GO	SG	6.00	5.00
5	ABC Nursery, Inc.	Eric Yonemura	7168-034-800 7168-034-801 7168-034-281 7168-034-285 7168-034-270 7168-034-289 7168-034-276 7168-034-278 7168-034-272 7168-034-280 7168-034-273 7168-034-274	6221 Clark Avenue	Lakewood	SCE	424 East Gardena Blvd.	Gardena	CA	90248	GO	SG	6.4	1.66
14	Acosta Growers Inc.	Eddie Acosta /Carlos Acosta	5283007271	2657 Delta Ave	Rosemead		18012 E. Alford St.	Azusa	CA	91702	GeneralOrnamenta	LA	1.5	1.13
15	Acosta Growers Inc.	Eddie Acosta /Carlos Acosta	5283017270 5283017271 5283017271	2450 Charlotte Ave	Rosemead		18012 E. Alford St.	Azusa	CA	91702	GeneralOrnamenta	LA	2.5	1.88
28	Certified Plant Growers, Inc.	Tom Miesen	8021-005-915 8021-004-801 8021-004-800 8021-004-805 8021-004-804	10524 E Firestone Blvd	Norwalk		P.O. Box 1696	Temecula	CA	92593	C	SG	2.50	1.50
40	Mikamo Nursery	Edith Mikamo	7344-007-038 7344-007-039	1029 W. 223 Street	Torrance		1029 W. 223 Rd St.	Torrance	CA	90502	F	D	1.00	0.75
45	Shima Nursery	Frank Tsushima	5389-006-807	8625 Grand Ave	Rosemead	Other	8625 E. Grand Ave	Rosemead	CA	91770	GO	LA	2.8	1.3
55	Moneta Nursery, Inc.	Gary Ishii	6115-019-043 6115-019-044 6115-019-045 6115-019-042	13633 South Vermont Ave	Gardena	Other	13633 S. Vermont Avenue	Gardena	CA	90247	M	D	4.75	3
57	Specialized Growers	Ruben Valdez												
68	Hoyt Family Vineyards	Carol & Steven Hoyt	4467-018-025	5929 Kanan Dume Rd	Malibu	Other	4652 Arriba Dr.	Tarzana	CA	91356	V	SM	1.5	0.8
82	Damas Nursery	Julian Damas	6351-036-801 6351-036-802 6351-036-803 6351-036-804 6351-036-805	6265 E. Hereford Dr.	E. Los Angeles		8210 Passons Blvd	Pico Rivera	CA	90660	GO	LA	5.96	5.00
90	Kobata Growers, Inc.	Jack Mayesh	7336004277 7336004276	20300 Figueroa Street	Carson		17622 Van Ness	Torrance	CA	90504	Color	D	3	2.5
120	Cerritos Nursery LLC	Timothy Chiu		19820 Norwalk Blvd.	Cerritos		19820 Norwalk Blvd.	Cerritos	CA	90703			4.5	2
121	Nakayama Nursery Inc.	Kathy Nakayama Lee	6115-013-007 6115-013-008 6115-013-009 6115-013-010 6115-013-011	1341 W. 141st Street	Gardena	Other	1341 W 141st Street	Gardena	CA	90247	GO	D	0.75	0.75
137	Pacific Nursery	Sharon/Glenn Tachibana	6114001007	14504 S Normandie Ave	Gardena		14504 S. Normandie Ave	Gardena	CA	90247	GeneralOrnamenta	D	4.5	3
141	Performance Nursery, Inc.	Tom Lucas	4151-012-800 4151-013-800 4149-006-801 4149-006-803 4149-006-805 4149-006-808 4149-006-810	2501 Manhattan Beach Blvd	Redondo Beach	SCE	6001 E Los Angeles Ave	Somis	CA	93066	GO	D	4.78	3
150	Colorama Wholesale Nursery	Richard Wilson	8617001029	1025 N. Todd Ave.	Azusa		1025 N Todd Avenue	Azusa	CA	91702	C	SG	26	15.3

N.O.T. Submitted

NGA#	OWNER/ TENANT	OPERATOR/ CONTACT	PARCEL			DWP/SCE	MAILING				CROP TYPE	Watershed	ACREAGE	
			APN	ADDRESS	CITY		ADDRESS	CITY	STATE	ZIP			TOTAL	IRRIGATED
162	San Gabriel Nursery& Florist	Fred Yoshimura/Mary Swa	5276018003	2015 PotreroGrande	Monterey Park		632 South SanGabriel Blv	San Gabriel	CA	91776	GO	LA	10	6
165	SempervirensBotanical Company	John Low	4091025800	3237 West 178thStreet	Torrance		3237 West 178thStreet	Torrance	CA	90504	GeneralOrnamenta	D	2	1.5
186	I.T. Nursery Inc	Wayne Tagawa	6125-014-003	256 East Alondra	Gardena	Other	256 E Alondra Blvd	Gardena	CA	90248	GO	D	2.75	1.75
187	West Covina Wholesale Nursery	Mark Barrios	8666-021-904	2820 Amherst Ave	La Verne	Other	P. O. Box 8046	La Verne	CA	91750	GO	SG	5	4.5
189	West Covina Wholesale Nursery	Dave Zylstra	8391003911	3425 Damien Ave	La Verne		P. O. Box 8046	La Verne	CA	91750	GeneralOrnamenta	SG	1.5	1.25
212	Lam Farm	Nhi Lam	6268-017-274	8600 Jefferson St.	Paramount	DWP	6319 California Ave	Long Beach	CA	90805	R	LA	3	1
223	Nijjar Vineyard	Sanjeet Nijjar	8527004025	29 Starlite Drive	Bradbury		29 Starlite Drive	Bradbury	CA	91010	Vineyard	LA	0.9	0.5
224	Schoelkopf Vineyard	Juergen Schoelkopf	4470009058	31499 Pacific CoastHwy	Malibu		31499 Pacific CoastHigh	Malibu	CA	90265	V	LA	1	0.8
226	Choji Matsushita	Richard Matsushita	Cataract	8392-014-0368392-014-0	San Dimas	Other	724 N. Cataract Ave	San Dimas	CA	91773	F	SG	3.8	1.7
228	El Corazon En Las Nubes	Bob Tobias / David Gome	2058-014-014	32720 Mulholland Hwy	Malibu	SCE	P.O. Box 577	Agoura Hills	CA	91376	V	LA	5	0.9
229	Katharina Hahn Vineyard (Schetter Malibu)	Katharina Hahn/Jaime Pag	4467-003-023	5825 Murphy Way	Malibu		5825 Murphy Way	Malibu	CA	90265	V	LA	0.8	0.5
232	Wish Vineyard LLC	Susan Hayes	Bridger Rd	2049-006-031	Hidden Hills	Other	25045 Jim Bridger Rd	Hidden Hills	CA	93102	V	SM	1.23	1.5
237	Saddlerock Ranch / The Semler Companies M	Ronald H. Semler	2058-016-022	31727 Mulholland Hwy	Malibu	Other	32111 Mulholland Hwy	Malibu	CA	90265	M	SM	90	24
238	Zuma Canyon Orchids	George Vasquez	4467-024-003	5949 Bonsall Drive	Malibu		5949 Bonsall Dr.	Malibu	CA	90265	GH	SM	3.89	1.20
243	Chartwell Estate Vineyard	Scott Rich	4362016008	750 Bel Air Rd	Los Angeles		750 Bel Air Rd	Los Angeles	CA	90077	V	SM	1.5	1
249	Hotchkis Vineyard	Frances Lacey	4369028005	10939 Chalon Rd	Los Angeles		10939 Chalon Rd	Los Angeles	CA	90077	V	SM	1.7	0.4
252	Kolawa Properties,LLC	Adam Kolawa	8527007032	673 Deodar Ln	Bradbury		101 E. Huntington Dr., 2r	Monrovia	CA	91016	Vineyard	SG	4	1
254	Manassero Farms	Dan Manassero	7016007906	North East corner of 166t	Cerritos		9925 Via La Granja	Yorba Linda	CA	92886	R	SG	4	3
258	Shima Nursery	Frank Tsushima	5372-020-804	8521 Valley Blvd.	Rosemead	Other	8625 E. Grand Ave	Rosemead	CA	91770	GO	LA	7.8	4
259	Shima Nursery	Frank Tsushima	5371-010-802	8500 E. Marshall	Rosemead	Other	8625 E. Grand Ave	Rosemead	CA	91770	GO	LA	4.67	2.2
261	ABC Rhubarb Farms	Sonia Chavez	6230022800	6208 Clara St	BellGardens		PO Box 39145	Downey	CA	90239	Row Crop	LA	5.83	5
262	The Orchid Garden	James Weiss	4088019802	3511 W. 182nd St.	Torrance		2506 Ardmore Ave.	HermosaBeach	CA	90254	GeneralOrnamenta	D	1.25	0.2
263	Malibu Vineyard	James Palmer	4472-019-030	33169 Decker School Rd	Malibu		22631 Pacific CoastHigh	Malibu	CA	90265	V	SM	4.2	3
268	K. Yuge Nursery	Dora Yuge	4066-016-054	2027 W 164th St	Torrance		2027 W 164th St	Torrance	CA	90504	GH	D	1.5	0.75
273	Pierce College	Paul Nieman	2149007902	6201 Winnetka Ave	Woodland Hills		6201 Winnetka Ave	Woodland Hills	CA	91371	M	LA	430	200
281	Fairgrove Nursery	Ruben Martinez	8471-002-804	14855 Fairgrove Ave	La Puente	SCE	14826 Fairgrove Ave	La Puente	CA	91744	GO	SG	2.5	2
288	Malibu Organic Lemon	Mike Zacha	4472-010-023	1700 Decker Canyon Rd	Malibu	SCE	1700 Decker Canyon Rd	Malibu	CA	90265	O	LA	220	15
291	MB Landscapingand Nursery	Maria Martinez	7339017014	19202 Main St.	Carson		20300 S. Figueroa St.	Carson	CA	90745	GeneralOrnamenta	D	6	1.5
313	Pacific View Nursery	Erik Munoz	4467021002	29081 Pacific Coast Hwy	Malibu		29081 Pacific Coast Hwy	Malibu	CA	90265	GO	SM	4.76	4
320	Brightview Tree Company	Robert Crudup	2548-001-011	9500 Foothill Blvd	Sunland	Other	3200 West Telegraph Rd.	Fillmore	CA	93015	GO	LA	10	5
328	Crair Vineyards	Daniela Crair	4467-018-024	5931 Kanan Dume Rd.	Malibu		5931 Kanan Dume Rd.	Malibu	CA	90265	V	SM	1.8	1
336	Cal-Tokyo Landscape Co.	Yoshiharu Kariya	Pending Questionnaire Responses	5531 Leeds St.	South Gate		15428 Cornuta Ave.	Bellflower	CA	90706	Pending Questionn	LA	1.99	1.99
355	Green House Nurseries, Inc.	Mark Whitten	2642-021-900	9400 Canterbury Ave.	Arleta	DWP	9400 Canterbury Ave.	Arleta	CA	91331	IP	LA	3.48	3.48
404	San Gabriel Nursery & Florist	Fred Yoshimura / Mary S	IP	700-800 S. San Gabriel B	San Gabriel		632 South San Gabriel Bl	San Gabriel	CA	91776	IP	IP	6.25	4.13
406	Gooch Vineyard	Patrice Gaburo	IP	27366 Winding Way	Malibu		27366 Winding Way	Malibu	CA	90265	V	LA	2.6	0.75
415	Girasol Nursery	Humberto Cardenas/Salva	6373-021-270	4765 Calada Ave	Pico Rivera	DWP	PO Box 6862	Pico Rivera	CA	90661	IP	LA	0.33	0.33
502	Monica's Nursery	Martha Munoz	8564-604-901	266 Cloverleaf Rd	Baldwin Park	SCE	266 Cloverleaf Rd	Baldwin Park	CA	91706	IP	IP	5	4.5
	Grand Vista Geranium Gardens	Henry Andrade	IP				18307 S. Central Ave.	Carson	CA	90746				

APPENDIX B

TABULATED DATA, CURRENT AND HISTORICAL SAMPLING RESULTS

**RANDOMIZED LIST OF SITE VISITS AND COLLECTED SAMPLES
NURSERY GROWERS ASSOCIATION
LOS ANGELES COUNTY IRRIGATED LANDS GROUP**

	OWNER/TENANT	NGA #	PROPERTY ADDRESS	ACREAGE (Irrigated)	CWIL Order # R4-2016-0143		CWIL Order # R4-2021-0045					
					YEAR 4	YEAR 5	YEAR 1		YEAR 2			
					Wet Season ¹	Dry Season	Wet Season	Dry Season	Wet Season	Dry Season		
					Event #1	Event #1	Event #1	Event #1	Event #1	Event #1		
LARGE	Green Landscape Nursery	143	22216 1/2 Placerita Canyon Rd., Santa Clarita	3.75	3/10/2020		No Event Conducted due to lack of forecasted rain					
	Brightview Tree Company	320	9500 Foothill Blvd., Sunland	5.00		9/9/2020						
	Normans Nursery, Inc.	132	8624 Duarte Rd South, San Gabriel	6.50		9/9/2020						
	MB Landscaping & Nursery	289	20300 S. Figueroa St, Carson	2.50					10/13/2021			
	ABC Nursery, Inc.	4	424 E. Gardena Blvd., Gardena	10.51					10/13/2021			
	Moon Valley Nurseries	286	17020 Downey Rd., Bellflower	4.00						12/15/2021		
	ABC Nursery, Inc.	8	18601 Yukon Avenue, Torrance	8.95						12/15/2021		
	Moon Valley Nurseries	294	2600 W Lincoln Ave, Montebello	7.00							9/22/2022	
	West Covina Wholesale Nursery	188	West end of Puddingstone West off of Fairplex at Bracket Field / 1420 Puddingstone Dr., La Verne	15.25							9/22/2022	
MEDIUM	New View Landscape, Inc. / Green View Nursery	386	West of Lindley between San Jose and Devonshire, Northridge	5.10	3/10/2020		No Event Conducted due to lack of forecasted rain					
	Acosta Growers Inc.	400	17000 Block of Renwick Rd, Azusa	3.71		9/9/2020						
	F.K. Nursery, Inc.	46	2027 Colby Ave, Los Angeles	0.92					10/13/2021			
	C Stars Nursery, Inc.	118	1400 West Greenleaf Boulevard, Compton	2.50					10/13/2021			
	United Plant Growers	180	3698 Caspian Avenue, Long Beach	5.80						12/15/2021		
	Kobata Growers, Inc.	92	17629 Van Ness Avenue, Torrance	6.50						12/15/2021		
	Landscape Warehouse Nursery & Supply	253	2800 Royal Oaks Dr., Duarte	1.25							9/22/2022	
	New View Landscape, Inc./Green View Nursery	385	18590 Lassen St., Northridge	9.31							9/22/2022	

**RANDOMIZED LIST OF SITE VISITS AND COLLECTED SAMPLES
NURSERY GROWERS ASSOCIATION
LOS ANGELES COUNTY IRRIGATED LANDS GROUP**

	OWNER/TENANT	NGA #	PROPERTY ADDRESS	ACREAGE (Irrigated)	CWIL Order # R4-2016-0143		CWIL Order # R4-2021-0045					
					YEAR 4	YEAR 5	YEAR 1		YEAR 2			
					Wet Season ¹	Dry Season	Wet Season	Dry Season	Wet Season	Dry Season		
					Event #1	Event #1	Event #1	Event #1	Event #1	Event #1		
SMALL	Champa Nursery	503	4254 Tyler Ave., El Monte	0.50	3/10/2020							
	Ben K Bonsai Nursery	264	2301 Kelburn Ave., Rosemead	0.75		9/9/2020						
	Saticoy Nursery	316	18058 San Fernando Mission Blvd., San Fernando	5.00		9/9/2020						
	Humedo Nursery	70	10040 Imperial Highway, Downey	2.20				10/13/2021				
	Mi Jalisco Nursery	438	5761 Allington St., Lakewood	1.84				10/13/2021				
	Fuku Bonsai Nursery	247	560 W. 168th St., Gardena	2.20					12/15/2021			
	UVA Nursery	297	19033 Anelo Ave, Gardena	2.10					12/15/2021			
	Wendy's Nursery	396	West of Laurel Canyon Blvd. between Saticoy and Cohasset, Los Angeles	1.70							9/22/2022	
	Annandale Nursery	501	7720 N Figueroa St., Los Angeles	0.50							9/22/2022	
MICRO	Roscoe Nursery	392	12741 Cantara St., North Hollywood	2.60	3/10/2020		No Event Conducted due to lack of forecasted rain					
	Barranquilla Nursery	211	28920 Bouquet Canyon Rd., Saugus	2.00		9/9/2020						
	Ramirez Strawberry Ranch	302	3511 Santa Fe Ave., Long Beach	2.00	3/10/2020				10/13/2021			
	Marcelino Contreras	108	Vera and E 213th St., Carson	1.00		9/9/2020			10/13/2021			
	Billy Lee	333	8600 Jefferson St., Paramount	2.85						12/15/2021		
	Vargas Nursery	149	17020 Passage Ave, Bellflower	1.75						12/15/2021		
	Wilmington Nursery	348	West of Morella Ave between Arminta St. and Stagg St., North Hollywood	1.68								9/22/2022
	Calscape Growers	24	2103 Villa Heights Rd., Pasadena	0.20								9/22/2022
CHOSEN	Ultra Greens	178	13102 Maclay Street, Sylmar	8.50	3/10/2020	9/9/2020						
	Mariposa Garden	114	6664 South Street, Lakewood	3.61					12/15/2021			
	Boething Tree Farm	19	23475 Long Valley Rd., Woodland Hills	14.68							9/22/2022	

¹ Backup Sites for Event #1 aborted early due to end of storm

 Sample Collected

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 3 INTERIM
GENERAL CHEMISTRY
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	General Chemistry												
			Ammonia	Chloride	Diss Ortho	Nitrate	Sulfate	Diss Phos	TDS	Total Ortho	Total Phos	TSS	CA Hardness, as CaCO3	Ca/Mg	Cu
NGA #124	LAILG-NGA-124-10	11/29/2018	1.1	44	1.800	28	140	1.9	610	1.8	0.28	420	186	74.7	0.120
NGA #158	LAILG-NGA-158-2	11/29/2018	0.67	13	0.610	8.0	74	0.68	190	0.59	1.4	300	90	36.0	0.096
NGA #178	LAILG-NGA-178-5	11/29/2018	3.6	290	2.300	17	250	2.4	1300	2.3	2.8	160	242	96.8	0.042
NGA #202	LAILG-NGA-202-3	11/29/2018	0.22	37	1.200	8.5	56	1.3	300	1.2	1.4	87	83.8	33.5	0.056
Duplicate	LAILG-NGA-DUP	11/29/2018	0.22	38	1.300	8.7	58	1.2	310	1.3	1.3	77	85.9	34.4	0.056
Equip Blank	LAILG-NGA-EB	11/29/2018	<0.10	<0.50	<0.0020	<0.11	<0.50	<0.010	19	<0.0020	<0.010	<5	0.372	0.149	0.0014
Field Blank	LAILG-NGA- FB	11/29/2018	<0.10	<0.50	<0.0020	<0.11	<0.50	<0.010	<10.0	<0.0020	<0.010	<5	<0.250	0.149	0.00060
NGA #4	LAILG-NGA-4-10	1/14/2019	0.24	1.8	0.086	0.67	1.1	0.16	<10	0.084	0.21	31	12.5	3.70/0.784	0.009
NGA #19	LAILG-NGA-19-10	1/14/2019	1.9	51	0.630	31/40 ^{EO}	40	0.11	490	0.63	3.2	780	287	81.6/20.1	0.057
NGA #64	LAILG-NGA-64-6	1/14/2019	0.21	6.0	0.240	3.1	7.8	0.018	49	0.23	0.51	140	39.4	10.6/3.15	0.013
NGA #168	LAILG-NGA-168-10	1/14/2019	0.18	27	0.400	11	44	0.054	220	0.41	0.90	97	98.5	25.9/8.21	0.026
CWIL Limits			See Table 7												
MRL			0.10	0.50	0.0020	0.11	0.5	0.010	10.0	0.0020	0.010	5	0.250	0.100	0.00050

Concentrations are reported in milligrams per liter (mg/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated by the QA Officer.

CWIL	Conditional waiver for irrigated lands	**	The recommended holding time for filtering is only 15 minutes. The sample was filtered as soon as possible but was filtered past holding time. However, the sample was analyzed within holding time.
EB	Estimated concentration, constituent detected at greater than 10% in equipment blank		
FD	Estimated concentration. Field Duplicate RPD >25%.	MRL	Method Reporting Limit
FB	Estimated concentration, constituent detected at greater than 10% in field blank	*	Due to the high concentration of analyte inherent in the sample, sample was diluted prior to analysis. The MDL and MRL were raised due to this dilution.
EO	First reported value above calibration range, second run 1 hour out of holding time		

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 1
GENERAL CHEMISTRY
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	General Chemistry												
			Ammonia	Chloride	Diss Ortho	Nitrate	Sulfate	Diss Phos	TDS	Total Ortho	Total Phos	TSS	CA Hardness, as CaCO3	Ca	Cu
NGA #4	LAILG-NGA4-5	3/21/2011	0.69	10	0.31 ^{EB}	1.5	8.3	0.52	110	0.31 ^{EB}	2.6	810	62	25	0.230
NGA #124	LAILG-NGA124-6	3/21/2011	0.36	9.7	1.8 ^{EB}	6.7	24	1.8	240	1.8 ^{EB}	2.7	620 ^{FD}	61	24	0.045
NGA #150	LAILG-NGA150-5	3/21/2011	3.7	28	12 ^{EB}	120	60 ^{MS-02}	32	1,200	12 ^{EB}	32	110	300	120	0.031
NGA #19	LAILG-NGA19-6	3/23/2011	0.54 ^{MS-01}	110	0.86 ^{EB,MS-01}	55	250	1.1	1,200	0.86 ^{EB,MS-02}	3.4	550	440	180	0.090
Duplicate	LAILG-NGA-DUP	3/21/2011	0.35	9.7	1.7 ^{EB}	6.6	24	1.8	220	1.7 ^{EB}	2.3	82	57	23	0.035
Equip Blank	LAILG-NGA-EB	3/21/2011	nd	nd	2.0	nd	nd	nd	nd	2.0	nd	nd	0.37	0.15	0.0028
Field Blank	LAILG-NGA- FB	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168	LAILG-NGA168-6	3/17/2012	0.89	82	1.1 ^{O9}	35	470	1.7	1,100	1.1 ^{O9}	8.4	1200	500	200	0.110
NGA #31	LAILG-NGA31-4	3/17/2012	1.1	55	1.0 ^{O9}	12	160	0.90	520	1.0 ^{O9}	2.0	81	240	95	0.027
NGA #162	LAILG-NGA162-1	3/17/2012	0.16	35	0.96 ^{O9}	5.9	120	0.95	350	0.96 ^{O9}	1.0	5	140	57	0.014
NGA #64	LAILG-NGA64-3	3/17/2012	0.79 ^{FD}	5.8	0.28 ^{O9}	0.70 ^{FD}	8.4	0.32	57	0.28 ^{O9}	1.5 ^{FD}	500 ^{FD}	51	21	0.047
Duplicate	LAILG-NGA-DUP	3/17/2012	0.60	5.4	0.25 ^{O9}	1.3	8.6	0.27	46	0.25 ^{O9}	1.1	380	44	18	0.049
Equip Blank	LAILG-NGA-EB	3/17/2012	nd	nd	nd ^{O9}	nd	nd	nd	nd	nd ^{O9}	nd	nd	nd	nd	0.00073
Field Blank	LAILG-NGA- FB	3/17/2012	nd	nd	nd ^{O9}	nd	nd	nd	nd	nd ^{O9}	nd	nd	nd	nd	0.00050
NGA #4	LAILG-NGA4-6	3/25/2012	na*	69	1.1	17	52	1.0	320	1.1	1.4	34 ^{FD}	100 ^{FD}	42 ^{FD}	0.051
NGA #170	LAILG-NGA170-1	3/25/2012	0.31	18	0.65	1.6	14	0.60	130	0.65	0.86	100	61	24	0.030
NGA #176	LAILG-NGA176-2	3/25/2012	0.30	29	0.99	8.7	43	0.99	220	0.99	2.2	550	80	32	0.066
NGA #210	LAILG-NGA210-2	3/25/2012	0.20	110	1.4	0.57	250	1.3	700	1.4	2.8 ^{MS-02}	86	270	110	0.0060
Duplicate	LAILG-NGA-DUP	3/25/2012	2.2 ^p	55	1.1	17	44	1.1	290	1.1	1.3	21	61	25	0.051
Equip Blank	LAILG-NGA-EB	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Field Blank	LAILG-NGA- FB	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CWIL Limits			See Table 7												
MDL			0.048	0.10	0.00022	0.020	0.10	0.0014	4.0	0.00022	0.0014	5	0.039	0.016	0.00027
RL			0.10	0.50	0.002	0.11	0.50	0.010	10	0.002	0.010	5	0.25	0.10	0.00050

Concentrations are reported in milligrams per liter (mg/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated by the QA Officer.

CWIL Conditional waiver for irrigated lands

EB Estimated concentration, constituent detected at greater than 10% in equipment blank

FD Estimated concentration. Field Duplicate RPD >25%.

FB Estimated concentration, constituent detected at greater than 10% in field blank

na* Ammonia not analyzed due to sample collection via peristaltic pump

p Estimated concentration due to sample collection via peristaltic pump

O9 This sample was received with the EPA recommended holding time expired.

MS-01 The spike recovery for this QC sample is outside of the established control limits possibly due to matrix interference.

MS-02 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 3
GENERAL CHEMISTRY
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	General Chemistry												
			Ammonia	Chloride	Diss Ortho	Nitrate	Sulfate	Diss Phos	TDS	Total Ortho	Total Phos	TSS	CA Hardness, as CaCO3	Ca	Cu
NGA #19	LAILG-NGA19-7	2/28/2014	1.4	120	2.400**	53	160	2.8	1,000	2.4**	4.7	650 ^{FD}	319	128	0.056
NGA #26	LAILG-NGA26-1	2/28/2014	2.4	73	1.800**	6.4	180	2.1	590	1.8**	2.3	49	158	63.2	0.056
NGA #124	LAILG-NGA124-7	2/28/2014	4.5	21	1.200**	13	100	1.5	420	1.2**	2.2	160	125	50.2	0.049
NGA #178	LAILG-NGA178-2	2/28/2014	0.87	120	2.200**	10	370	2.4	940	2.2**	3.6	270	324	130	0.030
NGA #184	LAILG-NGA184-3	2/28/2014	0.23	2.5	0.330**	0.40	1.6	0.44	41	0.33**	0.72	160	13.8	5.54	0.0079
Duplicate	LAILG-NGA-DUP	2/28/2014	1.4	120	2.800**	51	170	3.1	1100	2.8**	5.4	470 ^{FD}	320	128	0.057
Equip Blank	LAILG-NGA-EB	2/28/2014	<0.10	<0.50	<0.0020	<0.11	<0.50	<0.010	<10	<0.0020	<0.10	<5	<0.250	<0.100	<0.00050
Field Blank	LAILG-NGA- FB	2/28/2014	<0.10	<0.50	<0.0020	<0.11	<0.50	<0.010	<10	<0.0020	<0.10	<5	<0.250	<0.100	<0.00050
CWIL Limits			See Table 7												
MRL			0.10	0.50	0.0020	0.11	0.50	0.010	10.0	0.0020	0.10	5	0.250	0.100	0.00050

Concentrations are reported in milligrams per liter (mg/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated by the QA Officer.

CWIL	Conditional waiver for irrigated lands	**	The recommended holding time for filtering is only 15 minutes. The sample was filtered as soon as possible but was filtered past holding time. However,
EB	Estimated concentration, constituent detected at greater than 10% in equipment blank		the sample was analyzed within holding time.
FD	Estimated concentration. Field Duplicate RPD >25%.	MRL	Method Reporting Limit
FB	Estimated concentration, constituent detected at greater than 10% in field blank		

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 4
GENERAL CHEMISTRY
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	General Chemistry												
			Ammonia	Chloride	Diss Ortho	Nitrate	Sulfate	Diss Phos	TDS	Total Ortho	Total Phos	TSS	CA Hardness, as CaCO ₃	Ca	Cu
NGA #150	LAILG-NGA-150-6	12/2/2014	0.41	60	2.4**	13	130	2.6	530	2.5**	3.7	240	179	71.8	0.095
NGA #188	LAILG-NGA-188-1	12/2/2014	0.31	38	0.56**	4.4	110	0.80	330	0.56**	2.0 ^{FD}	2000 ^{FD}	141	56.3	0.036
Duplicate	LAILG-NGA-DUP	12/2/2014	0.27	35	0.58**	4.4	92	0.64	290	0.60**	1.4	430	126	50.6	0.031
NGA #168	LAILG-NGA-168-7	5/15/2015	0.18	57	0.36**	11	120	0.44	400	0.36**	0.74	91	134	53.7	0.036
Equip Blank	LAILG-NGA-EB	12/2/2014	<0.10	2.0	<0.0020**	<0.100	<0.50	<0.010	10	<0.0020**	<0.010	<5	1.64	0.656	0.0011
Field Blank	LAILG-NGA- FB	12/2/2014	<0.10	<0.50	<0.0020**	<0.100	<0.50	<0.010	<10.0	<0.0020**	<0.010	<5	<0.250	<0.100	<0.00050
CWIL Limits			See Table 7												
MRL			0.10	0.50	0.0020	0.100	0.50	0.010	10.0	0.0020	0.010	5	0.250	0.100	0.00050

Concentrations are reported in milligrams per liter (mg/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated by the QA Officer.

CWIL	Conditional waiver for irrigated lands	**	The recommended holding time for filtering is only 15 minutes. The sample was filtered as soon as possible but was filtered past holding time. However, the sample was analyzed within holding time.
EB	Estimated concentration, constituent detected at greater than 10% in equipment blank		
FD	Estimated concentration. Field Duplicate RPD >25%.	MRL	Method Reporting Limit
FB	Estimated concentration, constituent detected at greater than 10% in field blank		

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 5 CONTINUATION
GENERAL CHEMISTRY
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	General Chemistry												
			Ammonia	Chloride	Diss Ortho	Nitrate	Sulfate	Diss Phos	TDS	Total Ortho	Total Phos	TSS	CA Hardness, as CaCO3	Ca	Cu
NGA #64	LAILG-NGA-64-4	1/5/2016	0.63	3.9	0.15**	0.70	7.2	0.17	45	0.16**	0.5	190	28.3	11.3	0.027
NGA #168	LAILG-NGA-168-8	1/5/2016	0.36	41	0.32**	15	160	0.45	410	0.32**	0.80	140	162	64.9	0.036
Duplicate	LAILG-NGA-DUP	1/5/2016	0.36	39	0.35**	15	160	0.5	410	0.35**	0.91	160	159	63.6	0.041
Equip Blank	LAILG-NGA-EB	1/5/2016	<0.10	<0.50	<0.0020**	<0.100	<0.50	<0.010	<10.0	<0.0020**	<0.010	<5	<0.250	<0.100	<0.00050
Field Blank	LAILG-NGA- FB	1/5/2016	<0.10	<0.50	<0.0020**	<0.100	<0.50	<0.010	<10.0	<0.0020**	<0.010	<5	<0.250	<0.100	<0.00050
CWIL Limits			See Table 7												
MRL			0.10	0.50	0.0020	0.100	0.50	0.010	10.0	0.0020	0.010	5	0.250	0.100	0.00050

Concentrations are reported in milligrams per liter (mg/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated by the QA Officer.

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|------|--|-----|--|
| CWIL | Conditional waiver for irrigated lands | ** | The recommended holding time for filtering is only 15 minutes. The sample was filtered as soon as possible but was filtered past holding time. However, the sample was analyzed within holding time. |
| EB | Estimated concentration, constituent detected at greater than 10% in equipment blank | | |
| FD | Estimated concentration. Field Duplicate RPD >25%. | MRL | Method Reporting Limit |
| FB | Estimated concentration, constituent detected at greater than 10% in field blank | | |

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 1 INTERIM
GENERAL CHEMISTRY
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	General Chemistry												
			Ammonia	Chloride	Diss Ortho	Nitrate	Sulfate	Diss Phos	TDS	Total Ortho	Total Phos	TSS	CA Hardness, as CaCO3	Ca	Cu
NGA #4	LAILG-NGA-4-8	1/20/2017	0.33	3.3	0.082**	0.76	2.4	0.080	46	0.082**	0.12	15	7.58	3.04	0.0045
NGA #19	LAILG-NGA-19-8	1/20/2017	0.31	42 ^{FD}	0.78**	25^{FD}	61 ^{FD}	0.82	700 ^{FD}	0.78**	2.7 ^{FD}	430 ^{FD}	163	65.2	0.047 ^{FD}
NGA #176	LAILG-NGA-176-3	1/20/2017	<0.10	3.9	0.28**	0.70	3.6	0.32	97	0.28**	0.70	360	13.4	5.38	0.029
Duplicate	LAILG-NGA-DUP	1/20/2017	0.33	27	0.86**	15	42	0.85	400	0.86**	5.2	1000	180	72.2	0.095
NGA #124	LAILG-NGA-124-8	2/17/2017	0.50	7.6	0.77**	3.8	70	0.73*	270	0.76**	3.9	740	120	48.1	0.120
NGA #150	LAILG-NGA-150-7	2/17/2017	1.4	10	3.3**	11	54	3.3*	300	3.3**	4.0	180	73.8	29.6	0.057
NGA #158	LAILG-NGA-158-1	2/17/2017	0.18	1.9	0.19**	0.55	20	0.29	38	0.19**	0.60	110	29.5	11.8	0.039
NGA #178	LAILG-NGA-178-3	2/17/2017	0.58	74	1.3**	0.55	200	1.3*	720	1.3**	13*	2900	431	173	0.37
NGA #202	LAILG-NGA- 202-1	2/17/2017	0.11	6.5	0.45**	1.8	18	0.47*	140	0.46**	0.81	130	39.7	15.9	0.038
CWIL Limits			See Table 7												
MRL			0.10	0.50	0.0020	0.100	0.50	0.010	10.0	0.0020	0.010	5	0.250	0.100	0.00050

Concentrations are reported in milligrams per liter (mg/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated by the QA Officer.

CWIL	Conditional waiver for irrigated lands	**	The recommended holding time for filtering is only 15 minutes. The sample was filtered as soon as possible but was filtered past holding time. However, the sample was analyzed within holding time.
EB	Estimated concentration, constituent detected at greater than 10% in equipment blank		
FD	Estimated concentration. Field Duplicate RPD >25%.	MRL	Method Reporting Limit
FB	Estimated concentration, constituent detected at greater than 10% in field blank	*	Due to the high concentration of analyte inherent in the sample, sample was diluted prior to analysis. The MDL and MRL were raised due to this dilution.

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 2 INTERIM
GENERAL CHEMISTRY
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	General Chemistry												
			Ammonia	Chloride	Diss Ortho	Nitrate	Sulfate	Diss Phos	TDS	Total Ortho	Total Phos	TSS	CA Hardness, as CaCO3	Ca	Cu
NGA #124	LAILG-NGA-124-9	1/9/2018	4.1	44	1.900	1.0	270	2.0	840	1.8	3.0	150	327	131	0.059
NGA #178	LAILG-NGA-178-4	1/9/2018	0.48	87	2.400	3.9	100	2.4	520	2.4	5.6	930	172	69	0.073
NGA #184	LAILG-NGA-184-4	1/9/2018	7.4	23	1.500	1.3	61	1.7	240	1.5	10	230	104	41.8	0.110
NGA #202	LAILG-NGA-202-2	1/9/2018	0.23	30	1.800	7.2	60	1.8	310	1.8	2.2	61	99.2	39.7	0.037
NGA #4	LAILG-NGA-4-9	3/22/2018	0.32	2.4	0.250	0.58	2.5	0.22	42	0.25	0.44	82	13.5	5.42	0.022
NGA #19	LAILG-NGA-19-9	3/22/2018	0.53	140	0.480	93	150	0.54	1,400	0.48	3.3	760	434	174	0.060
NGA #64	LAILG-NGA-64-5	3/22/2018	0.37	3.3	0.260	1.4	5.8	0.26	92	0.26	0.64	110	29.1	11.7	0.013
NGA #168	LAILG-NGA-168-9	3/22/2018	0.14	32	0.450	10	200	0.52	470	0.45	0.69	35	155	62.0	0.027
CWIL Limits			See Table 7												
MRL			0.10	0.50	0.0020	0.11	2.0	0.010	10.0	0.0020	0.010	5	0.250	0.100	0.00050

Concentrations are reported in milligrams per liter (mg/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated by the QA Officer.

CWIL	Conditional waiver for irrigated lands	**	The recommended holding time for filtering is only 15 minutes. The sample was filtered as soon as possible but was filtered past holding time. However, the sample was analyzed within holding time.
EB	Estimated concentration, constituent detected at greater than 10% in equipment blank		
FD	Estimated concentration. Field Duplicate RPD >25%.	MRL	Method Reporting Limit
FB	Estimated concentration, constituent detected at greater than 10% in field blank	*	Due to the high concentration of analyte inherent in the sample, sample was diluted prior to analysis. The MDL and MRL were raised due to this dilution.

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
GENERAL CHEMISTRY
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	General Chemistry									
			Ammonia	Chloride	Diss Ortho	Nitrate	Sulfate	Total Diss Phos	TDS	Total Ortho	Total Phos	TSS
NGA #130	NGA-#130-LAILG-1	8/6/2007	2.5	58.34	2.2457	50.44	43.04	2.29	1,170	2.05	2.305	6.3
NGA #183	NGA-#183-LAILG-1	8/6/2007	0.04 ^J	209.97	0.2336	0.13	177.83	0.23	223	0.23	0.264	11
NGA #19	NGA-#19-LAILG-1	8/13/2007	1	108.57	2.2882	10.84	118.85	2.68	772	4.62	5.09	568
NGA #124	NGA-#124-LAILG-1	8/13/2007	9.8	69.23	3.5006	72.48	206.25	4.31	1,002	3.96	4.627	99.5
NGA #168	NGA-#168-LAILG-1	8/13/2007	0.4	81.85	1.977	4.93	131.16	2.28	664	2.13	3.243	122
NGA BLANK	NGA LAILG-BLANK-1	8/13/2007	0.04 ^J	nd	nd	nd	nd	nd	32	nd	nd	nd
NGA FB LI	NGA-LAILG-FB LI	8/21/2007	0.01 ^J	nd	nd	0.016 ^J	nd	nd	nd	nd	nd	nd
NGA EQB LI	NGA-LAILG-EQB LI	8/21/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #150	NGA-#150-LAILG	9/25/2007	52.4	95.9	26.84	355.6	87	22.5	2279	23	24	57
NGA #183	ILG-#183	9/26/2007	13.5 ^B	51.63	1.4457 ^B	11.35^B	57.38 ^B	1.64 ^B	317 ^B	2.24 ^B	0.858 ^B	28.7 ^B
NGA #183-DU	ILGNGA-#Dup	9/26/2007	29 ^B	55.3	4.193 ^B	26.77^B	89.17 ^B	4.29 ^B	434 ^B	5.66 ^B	4.488 ^B	20 ^B
NGA #EQUIP	ILGNGA-#Equip	9/26/2007	nd	nd	nd	nd	nd	nd	5	nd	nd	nd
NGA #FIELD	ILGNGA-#FIELD-2	9/28/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168-2	ILGNGA-#168-2	9/28/2007	2.2	172.52	1.582 ^C	8.91	340.14 ^E	2.15	1,297	3.51	5.379	504
NGA #168	ILGNGA-#168-3	11/30/2007	0.48	101.43	2.1635	30.81	245.04 ^E	2.67	951	3.13	3.548	nd
NGA #182	NGA #182-LAILG-1	12/7/2007	0.4	60.71	1.7533	19.85	159.87^F	1.52	456	1.41	1.554	20.3
NGA #182-DU	NGA-Duplicate	12/7/2007	0.42	59.2	1.8269	19.71	118.48 ^F	1.51	552	1.56	1.523	20.7
NGA #4	NGA #4-LAILG-1	12/7/2007	0.48	20.64	1.1355	4.03	20.39 ^F	0.8	186	0.77	0.829	58
NGA #130	NGA #130-LAILG-2	12/7/2007	0.3	162.95	1.0247	26.16	190 ^F	0.91	830	0.74	0.94	51
NGA #150	NGA #150-LAILG-2	12/7/2007	2.9	27.34	14.0243	80.89	56.59 ^F	9.43	780	8.89	9.445	40
NGA #124	NGA-#124-LAILG-2	12/7/2007	4.6	33.03	3.9247	45.41	59.24 ^F	2.9	550	2.76	3.168	90
NGA #EQUIP	NGA-equip blank	12/7/2007	nd	nd	nd	nd	1.13	nd	nd	nd	nd	nd
NGA #FIELD	Field Blank-2	12/18/2007	nd	nd	nd	nd	nd	nd	6	nd	nd	nd
NGA #176	NGA-#176-LAILG-1	12/18/2007	5.5	56.82	0.7145	3.85	293.12	0.54	680	12.21	3.447	6,168
NGA #183	LAILG-NGA#183-3	12/18/2007	1.95	28.41	2.344	11.37	41.11	2.78	292	3.14	3.561	92
NGA #19	LAILG-NGA#19-2	12/18/2007	1.4	162.66	11.2352	86.7	290.99	2.13	1,292	4.01	5.544	684
NGA #13	LAILG-NGA#13-1	12/18/2007	1.6	5.46	0.2033	1.72	32.27	0.49	32	1.44	2.878	944
NGA #53	LAILG-NGA#53-1	12/18/2007	0.7	4.72	0.2973	0.49	12.51	0.57	132	0.75	1.188	124
CWIL Limits			See Table X									
MDL			0.01	0.01	0.0075	0.01	0.01	0.016	0.1	0.01	0.016	0.5
RL			0.05	0.05	0.01	0.05	0.05	0.05	5	0.01	0.05	5

Concentrations are reported in milligrams per liter (mg/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes;

- CWIL Conditional waiver for irrigated lands
B Estimated concentration, since RPD of duplicate is >25%
C Procedural blank matrix spike recovery out of limits
E ESTIMATED CONCENTRATION, matrix spike does not meet acceptance criteria
F Sulfate detected in lab blank, at 1.09 mg/L.
J Estimated concentrations, results above MDL but less than RL

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
GENERAL CHEMISTRY
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	General Chemistry									
			Ammonia	Chloride	Diss Ortho	Nitrate	Sulfate	Total Diss Phos	TDS	Total Ortho	Total Phos	TSS
NGA #110	LAILG-NGA110-1	1/4/2008	0.41	10.65	1.3052	2.36	18.22	1.74	162	1.81	2.033	24
NGA #189	LAILG-NGA189-1	1/4/2008	0.59	7.29	0.6851	1.83	26.43	1.33	192	1.8	2.475	20
NGA #19	LAILG-NGA19-3	1/5/2008	0.12	157.52	0.2125	0.44	451.78	0.96	1,030	1.26	1.173	84
NGA #124	LAILG-NGA124-3	1/5/2008	15.5	28.3	0.9814	28.34^{O1}	57.68	1.66	378	1.66	2.228	40
NGA #183	LAILG-NGA183-4	1/5/2008	0.73	5.82	1.0874	1.4	6.36	0.23	106	1.29	1.729	510
NGA #4	LAILG-NGA4-2	1/23/2008	0.24	1.45	0.1891	0.6	3.87	0.15	145	0.26	1.848	27
NGA #53	LAILG-NGA53-2	1/23/2008	0.31	2.19	0.6425	0.76	14.92	0.82	nd	0.68	1.993	516
NGA #64	LAILG-NGA64-1	1/23/2008	0.20	3.82	0.2818	3.83	101.1	0.3	nd	0.46	0.393	76
NGA #130	LAILG-NGA130-3	1/24/2008	0.15	58.12	0.264	3.64	107.65	0.26	383	0.27	0.314	16
NGA #182	LAILG-NGA182-2	1/24/2008	0.17 ^{M4}	7.39	0.6085	1.91 ^{M4}	14.22	0.76	218	0.81	0.825	64
NGA #168	LAILG-NGA168-4	1/25/2008	0.38	65.9	3.053	14.58	117.44	3.07	592	5.45	2.363	1126.7
NGA #19	LAILG-NGA 19-4	8/12/2008	0.03 ^{FB}	104.03	1.1877	12.65	107.33	1.75	834	1.86	15.494	213
NGA #4	LAILG-NGA 4-3	8/13/2008	0.68	350.11	11.5262	200.18	219.52	69.7 ^{FD}	2,238	13.05	31.713	371 ^{FD}
Duplicate	LAILG-NGA-DUP	8/13/2008	0.71	397.47	9.0404	212	252.22	34.87 ^{FD}	2,350	12	26.483	787 ^{FD}
NGA #31	LAILG-NGA 31-1	9/23/2008	0.13 ^{FD}	82.13 ^{EB,FB}	1.562 ^{H,FD}	17.3	134.93	1.472 ^H	602	2.34 ^H	1.813 ^{H,FD}	162
Duplicate	LAILG-NGA-DUP	9/23/2008	0.37 ^{FD}	82.37 ^{EB,FB}	2.629 ^{H,FD}	19.64	136.19 ^{M4}	1.84 ^H	626	2.10 ^H	0.883 ^{H,M3}	127
NGA #19	LAILG-NGA 19-5	11/26/2008	0.96	115.72	1.507	26.94	126.35	1.356	748	4.69	4.884	995
NGA #210	LAILG-NGA 210-1	11/26/2008	0.11	155.92	1.892	0.92	336.78	2.185	884	3.23	3.722	542
NGA #184	LAILG-NGA 184-1	11/26/2008	0.46	31.44	0.609	3.12	17.92	0.643	206 ^{FB}	0.88	1.3	129.5
Duplicate	LAILG-NGA-DUP	11/26/2008	0.48	32.51	0.616	3.1	18.68	0.65	214 ^{FB}	0.86	1.297	128
NGA #124	LAILG-NGA 124-4	11/26/2008	0.48	37.78	2.595	28.36	84.22	2.975	568	2.53	3.297	117
NGA #31	LAILG-NGA 31-2	11/26/2008	0.76	6.12	0.474	3.6	14.84	0.497	104 ^{FB}	1.63	1.94	353
NGA #130	LAILG-NGA 130-4	11/26/2008	0.68	95.81	0.228	9.17	183.82	0.652	616	0.8	1.046	97
NGA #150	LAILG-NGA 150-3	11/26/2008	32.2	65.92	31.579	114.76	258.65	49.896	2,446	37.69	48.048	45.5
NGA #25	LAILG-NGA 25-1	11/26/2008	0.85	21.99	1.1712	5.31	51.95	1.338	166 ^{FB}	1.38	1.641	168.5
NGA #150	LAILG-NGA 150-4	12/15/2008	15.75	47.27	26.0911	268.53	125.27^{M4}	24.935 ^{M4}	1704^{EB}	2.94	24.75 ^{M4}	333.5
NGA #124	LAILG-NGA 124-5	12/15/2008	1.68	26.51	24.4087	40.43	45.28	21.115	424 ^{EB}	3.66	2.706	115.5
NGA #189	LAILG-NGA 189-2	12/15/2008	0.54	31.28	0.6795	9.87	41.27	0.813	220 ^{EB}	0.99	1.261	111.3
NGA #110	LAILG-NGA 110-2	12/15/2008	0.31	28.59	1.186	8.48	50.87	1.469	328 ^{EB}	1.6	1.868	93
NGA #31	LAILG-NGA 31-3	12/15/2008	4.32	36.98	3.0228	12.14	57.58	2.148	364 ^{EB}	2.87	3.155	85.5
NGA #184	LAILG-NGA 184-2	12/15/2008	0.64	27.46	0.7339	4.41	33.57	0.502	240 ^{EB}	2.16	2.94	1,079
NGA #130	LAILG-NGA 130-5	12/15/2008	0.52	46.43	0.4392	11.81	67.8	0.481	258 ^{EB}	0.47	0.512	59.7
NGA #178	LAILG-NGA 178-1	12/15/2008	0.81	85.04	2.4077	12.99	148.27	2.648	462^{EB}	2.64	2.934	72.7 ^{FD}
Duplicate	LAILG-NGA-DUP	12/15/2008	0.79	102.32	2.3169	14.99	173.96	2.604	588	2.62	2.944	49.3
NGA #64	LAILG-NGA 64-2	12/15/2008	1.15	12.38 ^{EB}	0.4307	5.39	35.34	0.49	232 ^{EB}	0.71	0.868	112
NGA #168	LAILG-NGA 168-5	12/15/2008	0.25	53.4	1.4434	15.33	130.75	1.568	492 ^{EB}	2.24	2.386	236
NGA #4	LAILG-NGA 4-4	12/15/2008	0.52	8.67 ^{EB}	1.0382	2.7	15.23	0.158	238 ^{EB}	2.33	2.231	295
CWIL Limits			See Table X									
MDL			0.01	0.01	0.0075	0.01	0.01	0.016	0	0.01	0.016	0.5
RL			0.05	0.05	0.01	0.05	0.05	0.05	5	0.01	0.05	5

Concentrations are reported in milligrams per liter (mg/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes;

CWIL Conditional waiver for irrigated lands

EB Estimated concentration, constituent detected at greater than 10% in equipment blank

FD Estimated concentration. Field Duplicate RPD >25%.

FB Estimated concentration, constituent detected at greater than 10% in field blank

H Sample received and /or analyzed past the recommended holding time.

M3 Detection of the analyte was difficult due to matrix interference.

M4 Spike or surrogate compound recovery was out of control due to matrix interference.

The associated method blank spike or surrogate compound was in control and therefore the sample data was reported without further clarification.

Q1 Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration.

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 3 INTERIM
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Chlorinated Pesticides																
			2,4'-DDD	2, 4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	BHC-alpha	BHC-beta	BHC-delta	BHC-gamma	Chlordane-alpha	Chlordane-gamma	Dieldrin	Endosulfan Sulfate	Endosulphan-I	Endosulfan-II
NGA #124	LAILG-NGA-124-10	11/29/2018	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
NGA #158	LAILG-NGA-158-2	11/29/2018	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
NGA #178	LAILG-NGA-178-5	11/29/2018	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
NGA #202	LAILG-NGA-202-3	11/29/2018	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Duplicate	LAILG-NGA-DUP	11/29/2018	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Equip Blank	LAILG-NGA-EB	11/29/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Field Blank	LAILG-NGA- FB	11/29/2018	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
NGA #4	LAILG-NGA-4-10	1/14/2019	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
NGA #19	LAILG-NGA-19-10	1/14/2019	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
NGA #64	LAILG-NGA-64-6	1/14/2019	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
NGA #168	LAILG-NGA-168-10	1/14/2019	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
WQB			nl	0.59	nl	0.84	0.59	0.59	0.13	3.9	14	nl	19	nl	nl	0.14	110,000	110,000	110,000
MRL			5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
WQB Water Quality Benchmarks
MRL Method Reporting Limits
nl not listed

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 2 INTERIM
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Chlorinated Pesticides																
			2,4'-DDD	2, 4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	BHC-alpha	BHC-beta	BHC-delta	BHC-gamma	Chlordane-alpha	Chlordane-gamma	Dieldrin	Endosulfan Sulfate	Endosulphan-I	Endosulfan-II
NGA #124	LAILG-NGA-124-9	1/9/2018	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #178	LAILG-NGA-178-4	1/9/2018	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #184	LAILG-NGA-184-4	1/9/2018	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #202	LAILG-NGA-202-2	1/9/2018	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #4	LAILG-NGA-4-9	3/22/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
NGA #19	LAILG-NGA-19-9	3/22/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
NGA #64	LAILG-NGA-64-5	3/22/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
NGA #168	LAILG-NGA-168-9	3/22/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
WQB			nl	0.59	nl	0.84	0.59	0.59	0.13	3.9	14	nl	19	nl	nl	0.14	110,000	110,000	110,000
MRL			5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
WQB Water Quality Benchmarks
MRL Method Reporting Limits
nl not listed

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 1 INTERIM
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Chlorinated Pesticides																
			2,4'-DDD	2, 4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	BHC-alpha	BHC-beta	BHC-delta	BHC-gamma	Chlordane-alpha	Chlordane-gamma	Dieldrin	Endosulfan Sulfate	Endosulphan-I	Endosulfan-II
NGA #4	LAILG-NGA-4-8	1/20/2017	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #19	LAILG-NGA-19-8	1/20/2017	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #176	LAILG-NGA-176-3	1/20/2017	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Duplicate	LAILG-NGA-DUP	1/20/2017	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #124	LAILG-NGA-124-8	2/17/2017	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #150	LAILG-NGA-150-7	2/17/2017	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #158	LAILG-NGA-158-1	2/17/2017	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #178	LAILG-NGA-178-3	2/17/2017	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #202	LAILG-NGA- 202-1	2/17/2017	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
WQB			nl	0.59	nl	0.84	0.59	0.59	0.13	3.9	14	nl	19	nl	nl	0.14	110,000	110,000	110,000
MRL			5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
WQB Water Quality Benchmarks
MRL Method Reporting Limits
nl not listed

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 5 CONTINUATION
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides																
			2,4'-DDD	2, 4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	BHC-alpha	BHC-beta	BHC-delta	BHC-gamma	Chlordane-alpha	Chlordane-gamma	Dieldrin	Endosulfan Sulfate	Endosulphan-I	Endosulfan-II
NGA #64	LAILG-NGA-64-4	1/5/2016	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #168	LAILG-NGA-168-8	1/5/2016	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Duplicate	LAILG-NGA-DUP	1/5/2016	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Equip Blank	LAILG-NGA-EB	1/5/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Field Blank	LAILG-NGA-FB	1/5/2016	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
WQB			nl	0.59	nl	0.84	0.59	0.59	0.13	3.9	14	nl	19	nl	nl	0.14	110,000	110,000	110,000
MRL			5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
WQB Water Quality Benchmarks
MRL Method Reporting Limits
nl not listed

M-04 Visual evaluation of the sample indicates the RPD or QC spike is above the control limit due to a non-homogeneous sample matrix

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 4
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides																
			2,4'-DDD	2, 4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	BHC-alpha	BHC-beta	BHC-delta	BHC-gamma	Chlordane-alpha	Chlordane-gamma	Dieldrin	Endosulfan Sulfate	Endosulphan-I	Endosulfan-II
NGA #150	LAILG-NGA-150-6	12/2/2014	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
NGA #188	LAILG-NGA-188-1	12/2/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Duplicate	LAILG-NGA-DUP	12/2/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
NGA #168	LAILG-NGA-168-7	5/15/2015	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Equip Blank	LAILG-NGA-EB	12/2/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Field Blank	LAILG-NGA- FB	12/2/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
WQB			nl	0.59	nl	0.84	0.59	0.59	0.13	3.9	14	nl	19	nl	nl	0.14	110,000	110,000	110,000
MRL			5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
WQB Water Quality Benchmarks
MRL Method Reporting Limits
nl not listed

M-04 Visual evaluation of the sample indicates the RPD or QC spike is above the control limit due to a non-homogeneous sample matrix

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 3
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides																
			2,4'-DDD	2, 4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	BHC-alpha	BHC-beta	BHC-delta	BHC-gamma	Chlordane-alpha	Chlordane-gamma	Dieldrin	Endosulfan Sulfate	Endosulphan-I	Endosulfan-II
NGA #19	LAILG-NGA19-7	2/28/2014	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #26	LAILG-NGA26-1	2/28/2014	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #124	LAILG-NGA124-7	2/28/2014	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #178	LAILG-NGA178-2	2/28/2014	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
NGA #184	LAILG-NGA184-3	2/28/2014	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Duplicate	LAILG-NGA-DUP	2/28/2014	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Equip Blank	LAILG-NGA-EB	2/28/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Field Blank	LAILG-NGA- FB	2/28/2014	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
WQB			nl	0.59	nl	0.84	0.59	0.59	0.13	3.9	14	nl	19	nl	nl	0.14	110,000	110,000	110,000
MRL			5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
WQB Water Quality Benchmarks
MRL Method Reporting Limits
nl not listed

M-04 Visual evaluation of the sample indicates the RPD or QC spike is above the control limit due to a non-homogeneous sample matrix

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 1
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides																
			2,4'-DDD	2, 4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	BHC-alpha	BHC-beta	BHC-delta	BHC-gamma	Chlordane-alpha	Chlordane-gamma	Dieldrin	Endosulfan Sulfate	Endosulphan-I	Endosulfan-II
NGA #4	LAILG-NGA4-5	3/21/2011	nd	nd	nd	nd	17	21	nd	nd	nd	nd	nd	13	18	nd	nd	nd	nd
NGA #124	LAILG-NGA124-6	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	33^{FD}	nd	nd	nd
NGA # 150	LAILG-NGA 150-5	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #19	LAILG-NGA19-6	3/23/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	22	nd	nd	nd
Equip Blank	LAILG-NGA-EB	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Field Blank	LAILG-NGA- FB	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168	LAILG-NGA168-6	3/17/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{BSL}	nd
NGA #31	LAILG-NGA31-4	3/17/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{BSL}	nd
NGA #162	LAILG-NGA162-1	3/17/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{BSL}	nd
NGA #64	LAILG-NGA64-3	3/17/2012	nd	nd	nd	nd	28^{FD}	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{BSL}	nd
Duplicate	LAILG-NGA-DUP	3/17/2012	nd	nd	nd	nd	51	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{BSL}	nd
Equip Blank	LAILG-NGA-EB	3/17/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{BSL}	nd
Field Blank	LAILG-NGA- FB	3/17/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{BSL}	nd
NGA #4	LAILG-NGA4-6	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #170	LAILG-NGA170-1	3/25/2012	nd	nd	nd	nd	9.6	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #176	LAILG-NGA176-2	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #210	LAILG-NGA210-2	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Equip Blank	LAILG-NGA-EB	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Field Blank	LAILG-NGA- FB	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CWIL Limits			nl	0.59	nl	0.84	0.59	0.59	nl	nl	nl	nl	nl	nl	nl	0.14	nl	nl	nl
MDL			5.0	5.0	5.0	5.0	2.5	3.1	1.5	1.8	3.1	2.5	2.1	5.0	5.0	2.1	5.0	1.7	1.9
RL			5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0

Concentrations are reported in nanograms per liter (ng/L). **Results above CWIL Limits are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL	Conditional waiver for irrigated lands	S4	The surrogate recovery for this sample is outside of established control limits due to possible sample matrix effect.
FD	Estimated concentration. Field Duplicate RPD >25%.	SGC	Surrogate recovery outside of control limits due to a possible matrix effect. The data was accepted based on valid recovery of the remaining surrogate.
J	Estimated concentrations, results above MDL but less than RL		
MDL	Method Detection Limits	BS-L	The recovery of this analyte in the BS/LCS was below the control limit. Sample result is suspect.
RL	Reporting Limits		
nd	not detected		
nl	not listed		

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides																
			2,4'-DDD	2, 4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	BHC-alpha	BHC-beta	BHC-delta	BHC-gamma	Chlordane-alpha	Chlordane-gamma	cis-Nonachlor	DCPA	Dicofol	Dieldrin
NGA #110	LAILG-NGA110-1	1/4/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #189	LAILG-NGA189-1	1/4/2008	nd	nd	nd	nd	22.5	nd	nd	nd	nd	nd	nd	nd	6	nd	nd	nd	nd
NGA #19	LAILG-NGA19-3	1/5/2008	nd	nd	nd	nd	nd	5.6	nd	nd	nd	nd	nd	2.3 ^J	nd	nd	nd	nd	nd
NGA #124	LAILG-NGA124-3	1/5/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #183	LAILG-NGA183-4	1/5/2008	nd	nd	nd	12	26.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #4	LAILG-NGA4-2	1/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #53	LAILG-NGA53-2	1/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #64	LAILG-NGA64-1	1/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #130	LAILG-NGA130-3	1/24/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #182	LAILG-NGA182-2	1/24/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168	LAILG-NGA168-4	1/25/2008	nd	nd	nd	nd	19.2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 19	LAILG-NGA19-4	8/12/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.0 ^J	2.1 ^J	nd	nd	nd	nd
NGA # 4	LAILG-NGA 4-3	8/13/2008	nd	nd ^{M4}	nd	nd	nd	nd	nd	nd	nd ^{M4}	nd	nd	9.2 ^{Q2,FD}	9.8 ^{M4,Q2,FD}	12.7 ^{Q2,FD}	nd	485.7 ^{Q1,Q2,FD}	nd ^{M4}
Duplicate	LAILG-NGA-DUP	8/13/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	29.8 ^{FD}	41.3 ^{FD}	44.3 ^{FD}	nd	1064.3 ^{FD}	nd
NGA # 31	LAILG-NGA 31-1	9/23/2008	nd	nd	nd	nd	13.5	nd	nd	nd	nd	nd	nd	nd	7.6 ^{FD}	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	9/23/2008	nd	nd	nd	nd	13.6	nd	nd	nd	nd	nd	nd	nd	11.6 ^{FD}	nd	nd	nd	nd
NGA # 19	LAILG-NGA 19-5	11/26/2008	nd	nd	nd	nd	24.7^{Q6}	nd	nd	nd	nd	nd	nd	7.5 ^{J,Q3}	6.1	nd	nd	nd	nd
NGA # 210	LAILG-NGA 210-1	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 184	LAILG-NGA 184-1	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 124	LAILG-NGA 124-4	11/26/2008	nd	nd	nd	nd	19.3	nd	nd	nd	nd	nd	nd	3.7 ^J	2.8 ^J	nd	nd	nd	nd
NGA # 31	LAILG-NGA 31-2	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	7.8	6.3	nd	nd	nd	nd
NGA # 130	LAILG-NGA 130-4	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	6.7 ^J	nd	nd
NGA # 150	LAILG-NGA 150-3	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 25	LAILG-NGA 25-1	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	5.6	4.9 ^J	1.0 ^J	nd	nd	nd
NGA # 150	LAILG-NGA 150-4	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 124	LAILG-NGA 124-5	12/15/2008	nd	nd	nd	10.4	nd	nd	nd	nd	nd	nd	nd	5.5	4.2 ^J	nd	6.3 ^J	nd	nd
NGA # 189	LAILG-NGA 189-2	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 110	LAILG-NGA 110-2	12/15/2008	nd	nd	nd	6.2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 31	LAILG-NGA 31-3	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 184	LAILG-NGA 184-2	12/15/2008	nd	nd	nd	nd	22	nd	nd	nd	nd	nd	nd	nd	4.2 ^J	nd	nd	nd	nd
NGA # 130	LAILG-NGA 130-5	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 178	LAILG-NGA 178-1	12/15/2008	nd	nd ^{M4}	nd ^{M4}	nd ^{M4}	25.3^{FD}	nd ^{M4}	nd	nd	nd ^{M4}	nd	nd	nd	nd	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	12/15/2008	nd	nd	nd	nd	nd ^{FD}	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 64	LAILG-NGA 64-2	12/15/2008	nd	nd	nd	nd	43.3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 168	LAILG-NGA 168-5	12/15/2008	nd	nd	nd	nd	11.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 4	LAILG-NGA 4-4	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	35.1	34.2	6.5	nd	nd	nd
CWIL Limits			nl	nl	nl	0.59	0.59	0.83	0.13	3.9	14	nl	19	a)	a)	a)	nl	nl	0.14
MDL			1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	50	1
RL			5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	100	5

Concentrations are reported in nanograms per liter (ng/L). **Results above CWIL Limits are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL	Conditional waiver for irrigated lands	M4	Spike or surrogate compound recovery was out of control due to matrix interference. The associated method blank spike or surrogate compound was in control and therefore the sample data was reported without further clarification.	Q3	RPD values are not accurate and not applicable because the results for R1 and/or R2 are lower than ten times the MDL.
FD	Estimated concentration. Field Duplicate RPD >25%.				
J	Estimated concentrations, results above MDL but less than RL				
MDL	Method Detection Limits				
RL	Reporting Limits	Q1	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration.	Q6	CRG's Quality Assurance Program Document allows for 5% of the target compounds greater than ten times the MDL to be outside the specified acceptance limits for precision and/or accuracy. This is often due to random error and cannot be attributed to a specific reason.
nd	not detected				
nl	not listed	Q2	The sample RPD was out of control. Sample is heterogeneous and sample homogeneity could not be readily achieved using routine laboratory practices.		

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides																
			2,4'-DDD	2, 4'-DDE	2,4'-DDT	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	BHC-alpha	BHC-beta	BHC-delta	BHC-gamma	Chlordane-alpha	Chlordane-gamma	cis-Nonachlor	DCPA	Dicofol	Dieldrin
NGA #130	NGA-#130-LAILG-1	8/6/2007	nd	nd	nd	22.8	34.7	16.1	nd	nd	nd	nd	nd	nd	nd	nd	nd	68.3 ^J	nd
NGA #183	NGA-#183-LAILG-1	8/6/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #19	NGA-#19-LAILG-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #124	NGA-#124-LAILG-1	8/13/2007	nd	nd	nd	22.5	15.3	13.7	nd	nd	nd	nd	nd	nd	nd	nd	12.1	nd	nd
NGA #168	NGA-#168-LAILG-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA BLANK	NGA LAILG-BLANK-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA FBLL	NGA-LAILG-FBLL	8/21/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA EQBLI	NGA-LAILG-EQBLI	8/21/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #150	NGA-#150-LAILG	9/25/2007	nd	nd	nd	nd	nd	nd ^D	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #183	ILG-#183	9/26/2007	25 ^B	nd	31.8 ^B	90.3^B	113.8^B	51.1^{B,D}	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #183-DUP	ILGNGA-#Dup	9/26/2007	nd ^B	nd	nd ^B	64.5^B	70.2^B	nd ^{B,D}	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #EQUIP	ILGNGA-#Equip	9/26/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #FIELD	ILGNGA-#FIELD-2	9/28/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168-2	ILGNGA-#168-2	9/28/2007	nd	nd	17.3	16.7	nd	84^D	nd	nd	nd	nd	nd	nd	nd	nd	nd	52 ^J	nd
NGA #168	NGA-#168-LAILG-3	11/30/2007	nd	nd	nd	nd	2.7^J	nd ^C	nd	nd	nd	nd	nd	1.4 ^J	1.4 ^J	1.1 ^J	nd	nd	nd
NGA #182	NGA-#182-LAILG-1	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #182-DUP	NGA-Duplicate	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #4	NGA-#4-LAILG-1	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #130	NGA-#130-LAILG-2	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #150	NGA-#150-LAILG-2	12/7/2007	nd	nd	nd	nd	nd	nd	35.2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #124	NGA-#124-LAILG-2	12/7/2007	nd	nd	nd	6.0	22.1	9.3	nd	nd	nd	nd	nd	1.1 ^J	3.0 ^J	nd	nd	63.7 ^J	nd
NGA #EQUIP	NGA-equip blank	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #FIELD	Field Blank-2	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #176	LAILG-NGA#176-1	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #183	LAILG-NGA#183-3	12/18/2007	36.8	5.7	20.6	224.8	344.4	73.5	nd	nd	nd	nd	nd	nd	nd	nd	nd	51.5 ^J	nd
NGA #19	LAILG-NGA#19-2	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #13	LAILG-NGA#13-1	12/18/2007	nd	nd	nd	nd	32.7	nd	nd	nd	nd	nd	nd	18	19.2	19.6	nd	nd	nd
NGA #53	LAILG-NGA#53-1	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CWIL Limits			nl	nl	nl	0.59	0.59	0.83	0.13	3.9	14	nl	19	a)	a)	a)	nl	nl	0.14
MDL			1	1	1	1	1	1	1	1	1	1	1	1	1	1	5	50	1
RL			5	5	5	5	5	5	5	5	5	5	5	5	5	5	10	100	5

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
A Component of total chlordane, see total chlordane for CWIL limitations
B Estimated concentration, RPD of duplicate sample >25%
C Procedural blank Matrix Spike recovery out of limits
D Procedural blank Matrix Spike Duplicate RPD out of limits
J Estimated concentrations, results above MDL but less than RL

MDL Method Detection Limits
RL Reporting Limits
nd not detected
nl not listed
na not analyzed

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 3 INTERIM
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Chlorinated Pesticides												Sample Notes	
			Aroclor XXXX, Sum of	Endrin	Endrin Aldehyde	Chlordane (tech)	Heptachlor	Heptachlor Epoxide	Methoxychlor	Mirex	Toxaphene	trans-Nonachlor	cis-Nonachlor	Total Chlordane		
NGA #124	LAILG-NGA-124-10	11/29/2018	<2000	<100	<100	<2000	<100	<100	<100	<100	<100	<10000	<100	<100	<100	M-04
NGA #158	LAILG-NGA-158-2	11/29/2018	<2000	<100	<100	<2000	<100	<100	<100	<100	<100	<10000	<100	<100	<100	M-04
NGA #178	LAILG-NGA-178-5	11/29/2018	<5000	<50	<50	<1000	<50	<50	<50	<50	<50	<5000	<50	<50	<50	M-04
NGA #202	LAILG-NGA-202-3	11/29/2018	<5000	<50	<50	<1000	<50	<50	<50	<50	<50	<5000	<50	<50	<50	M-04
Duplicate	LAILG-NGA-DUP	11/29/2018	<5000	<50	<50	<1000	<50	<50	<50	<50	<50	<5000	<50	<50	<50	M-04
Equip Blank	LAILG-NGA-EB	11/29/2018	<100	<5.0	<5.0	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0	<5.0	
Field Blank	LAILG-NGA- FB	11/29/2018	<100	<5.0	<5.0	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0	<5.0	
NGA #4	LAILG-NGA-4-10	1/14/2019	<2000	<100	<100	<2000	<100	<100	<100	<100	<100	<10000	<100	<100	<100	M-04
NGA #19	LAILG-NGA-19-10	1/14/2019	<2000	<100	<100	<2000	<100	<100	<100	<100	<100	<10000	<100	<100	<100	M-04
NGA #64	LAILG-NGA-64-6	1/14/2019	<1000	<50	<50	<1000	<50	<50	<50	<50	<50	<5000	<50	<50	<50	M-04
NGA #168	LAILG-NGA-168-10	1/14/2019	<2000	<100	<100	<2000	<100	<100	<100	<100	<100	<10000	<100	<100	<100	M-04
WQB			nl	760	760	nl	0.21	0.1	nl	nl	0.75	nl	nl	0.59		
MRL			100	5.0	5.0	100	5.0	5.0	5.0	5.0	500	5	5.0	5.0		

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
WQB Water Quality Benchmarks
MRL Method Reporting Limits
nl not listed

M-04

Due to the nature of matrix interferences, sample extract was diluted prior to analysis. The MDL and MRL were raised due to the dilution.

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 2 INTERIM
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides												Sample Notes	
			Aroclor XXXX, Sum of	Endrin	Endrin Aldehyde	Chlordane (tech)	Heptachlor	Heptachlor Epoxide	Methoxychlor	Mirex	Toxaphene	trans-Nonachlor	cis-Nonachlor	Total Chlordane		
NGA #124	LAILG-NGA-124-9	1/9/2018	<1000	<50	<50	<1000	<50	<50	<50	<50	<50	<5000	<50	<50	<50	M-04
NGA #178	LAILG-NGA-178-4	1/9/2018	<2500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #184	LAILG-NGA-184-4	1/9/2018	<2000	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #202	LAILG-NGA-202-2	1/9/2018	2500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #4	LAILG-NGA-4-9	3/22/2018	<500	<10	<10	<200	<10	<10	<10	<10	<10	<2500	<10	<10	<10	M-04
NGA #19	LAILG-NGA-19-9	3/22/2018	<500	<10	<10	<200	<10	<10	<10	<10	<10	<2500	<10	<10	<10	M-04
NGA #64	LAILG-NGA-64-5	3/22/2018	<500	<10	<10	<200	<10	<10	<10	<10	<10	<2500	<10	<10	<10	M-04
NGA #168	LAILG-NGA-168-9	3/22/2018	<500	<10	<10	<200	<10	<10	<10	<10	<10	<2500	<10	<10	<10	M-04
WQB			nl	760	760	nl	0.21	0.1	nl	nl	0.75	nl	nl	0.59		
MRL			100	5.0	5.0	100	5.0	5.0	5.0	5.0	500	5	5.0	5.0		

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
WQB Water Quality Benchmarks
MRL Method Reporting Limits
nl not listed

M-04

Due to the nature of matrix interferences, sample extract was diluted prior to analysis. The MDL and MRL were raised due to the dilution.

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 1 INTERIM
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Chlorinated Pesticides											Sample Notes		
			Aroclor XXXX, Sum of	Endrin	Endrin Aldehyde	Chlordane (tech)	Heptachlor	Heptachlor Epoxide	Methoxychlor	Mirex	Toxaphene	trans-Nonachlor	cis-Nonachlor		Total Chlordane	
NGA #4	LAILG-NGA-4-8	1/20/2017	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #19	LAILG-NGA-19-8	1/20/2017	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #176	LAILG-NGA-176-3	1/20/2017	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
Duplicate	LAILG-NGA-DUP	1/20/2017	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #124	LAILG-NGA-124-8	2/17/2017	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #150	LAILG-NGA-150-7	2/17/2017	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #158	LAILG-NGA-158-1	2/17/2017	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #178	LAILG-NGA-178-3	2/17/2017	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #202	LAILG-NGA- 202-1	2/17/2017	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
WQB			nl	760	760	nl	0.21	0.1	nl	nl	0.75	nl	nl	0.59		
MRL			100	5.0	5.0	100	5.0	5.0	5.0	5.0	500	5	5.0	5.0		

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
WQB Water Quality Benchmarks
MRL Method Reporting Limits
nl not listed

M-04

Due to the nature of matrix interferences, sample extract was diluted prior to analysis. The MDL and MRL were raised due to the dilution.

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 5 CONTINUATION
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides												Sample Notes	
			Aroclor XXXX, Sum of	Endrin	Endrin Aldehyde	Chlordane (tech)	Heptachlor	Heptachlor Epoxide	Methoxychlor	Mirex	Toxaphene	trans-Nonachlor	cis-Nonachlor	Total Chlordane		
NGA #64	LAILG-NGA-64-6	1/5/2016	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #168	LAILG-NGA-168-1	1/5/2016	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
Duplicate	LAILG-NGA-DUP	1/5/2016	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
Equip Blank	LAILG-NGA-EB	1/5/2016	<100	<5.0	<5.0	<100	68	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0	<5.0	
Field Blank	LAILG-NGA-FB	1/5/2016	<100	<5.0	<5.0	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0	<5.0	
WQB			nl	760	760	nl	0.21	0.1	nl	nl	0.75	nl	nl	0.59		
MRL			100	5.0	5.0	100	5.0	5.0	5.0	5.0	500	5	5.0	5.0		

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL	Conditional waiver for irrigated lands	M-04	Due to the nature of matrix interferences, sample extract was diluted prior to analysis. The MDL and MRL were raised due to the dilution.
WQB	Water Quality Benchmarks		
MRL	Method Reporting Limits		
nl	not listed		

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 4
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides												Sample Notes
			Aroclor XXXX, Sum of	Endrin	Endrin Aldehyde	Chlordane (tech)	Heptachlor	Heptachlor Epoxide	Methoxychlor	Mirex	Toxaphene	trans-Nonachlor	cis-Nonachlor	Total Chlordane	
NGA #150	LAILG-NGA-150-6	12/2/2014	<1000	<50	<50	<1000	<50	<50	<50	<50	<5000	<50	<50	<50	M-04
NGA #188	LAILG-NGA-188-1	12/2/2014	<100	<5.0	<5.0	<100	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0	<5.0	
Duplicate	LAILG-NGA-DUP	12/2/2014	<100	<5.0	<5.0	<100	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0	<5.0	
NGA #168	LAILG-NGA-168-7	5/15/2015	<500	<25	<25	<500	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
Equip Blank	LAILG-NGA-EB	12/2/2014	<100	<5.0	<5.0	<100	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0	<5.0	
Field Blank	LAILG-NGA- FB	12/2/2014	<100	<5.0	<5.0	<100	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0	<5.0	
WQB			nl	760	760	nl	0.21	0.1	nl	nl	0.75	nl	nl	0.59	
MRL			100	5.0	5.0	100	5.0	5.0	5.0	5.0	500	5	5.0	5.0	

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
WQB Water Quality Benchmarks
MRL Method Reporting Limits
nl not listed

M-04

Due to the nature of matrix interferences, sample extract was diluted prior to analysis. The MDL and MRL were raised due to the dilution.

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 3
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides											Sample Notes		
			Aroclor XXXX, Sum of	Endrin	Endrin Aldehyde	Chlordane (tech)	Heptachlor	Heptachlor Epoxide	Methoxychlor	Mirex	Toxaphene	trans-Nonachlor	cis-Nonachlor		Total Chlordane	
NGA #19	LAILG-NGA19-7	2/28/2014	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #26	LAILG-NGA26-1	2/28/2014	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #124	LAILG-NGA124-7	2/28/2014	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #178	LAILG-NGA178-2	2/28/2014	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
NGA #184	LAILG-NGA184-3	2/28/2014	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
Duplicate	LAILG-NGA-DUP	2/28/2014	<500	<25	<25	<500	<25	<25	<25	<25	<25	<2500	<25	<25	<25	M-04
Equip Blank	LAILG-NGA-EB	2/28/2014	<100	<5.0	<5.0	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0	<5.0	
Field Blank	LAILG-NGA- FB	2/28/2014	<100	<5.0	<5.0	<100	<5.0	<5.0	<5.0	<5.0	<5.0	<500	<5.0	<5.0	<5.0	
WQB			nl	760	760	nl	0.21	0.1	nl	nl	0.75	nl	nl	0.59		
MRL			100	5.0	5.0	100	5.0	5.0	5.0	5.0	500	5	5.0	5.0		

Concentrations are reported in nanograms per liter (ng/L). **Results above WQB are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL	Conditional waiver for irrigated lands	M-04	Visual evaluation of the sample indicates the RPD or QC spike is above the control limit due to a non-homogeneous sample matrix
WQB	Water Quality Benchmarks		
MRL	Method Reporting Limits		
nl	not listed		

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 1
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Chlorinated Pesticides										
			Aroclor XXXX, Sum of	Endrin	Endrin Aldehyde	Endrin Ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Mirex	Toxaphene	trans- Nonachlor	Total Chlordane
NGA #4	LAILG-NGA#4-2	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	8.6	39.6
NGA #124	LAILG-NGA#124-3	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 150	LAILG-NGA 150-3	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #19	LAILG-NGA#19-2	3/23/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Equip Blank	LAILG-NGA-EB	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Field Blank	LAILG-NGA- FB	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168	LAILG-NGA168-6	3/17/2012	nd	nd	nd	nd ^{S4}	nd	nd	nd	nd	nd	nd	nd
NGA #31	LAILG-NGA31-4	3/17/2012	nd	nd	nd	nd ^{S4}	nd	nd	nd	nd	nd	nd	nd
NGA #162	LAILG-NGA162-1	3/17/2012	nd	nd	nd	nd ^{S4}	nd	nd	nd	nd	nd	nd	nd
NGA #64	LAILG-NGA64-3	3/17/2012	nd	nd	nd	nd ^{S4}	nd	nd	nd	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	3/17/2012	nd	nd	nd	nd ^{S4}	nd	nd	nd	nd	nd	nd	nd
Equip Blank	LAILG-NGA-EB	3/17/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Field Blank	LAILG-NGA- FB	3/17/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #4	LAILG-NGA4-6	3/25/2012	nd	nd	nd	nd ^{SGC}	nd	nd	nd	nd	nd	nd	nd
NGA #170	LAILG-NGA170-1	3/25/2012	nd	nd	nd	nd ^{SGC}	nd	nd	nd	nd	nd	nd	nd
NGA #176	LAILG-NGA176-2	3/25/2012	nd	nd	nd	nd ^{SGC}	nd	nd	nd	nd	nd	nd	nd
NGA #210	LAILG-NGA210-2	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	3/25/2012	nd	nd	nd	nd ^{S4}	nd	nd	nd	nd	nd	nd	nd
Equip Blank	LAILG-NGA-EB	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Field Blank	LAILG-NGA- FB	3/25/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CWIL Limits			nl	nl	nl	nl	nl	nl	nl	nl	0.75	nl	0.59
MDL			40	2.8	3.0	2.0	1.7	1.9	5.0	5.0	120	5.0	5.0
RL			100	5.0	5.0	20.0	5.0	5.0	5.0	5.0	500	5.0	5.0

Concentrations are reported in nanograms per liter (ng/L). **Results above CWIL Limits are presented in BOLD.** Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL	Conditional waiver for irrigated lands	S4	The surrogate recovery for this sample is outside of established control limits due to possible sample matrix effect.
MDL	Method Detection Limits		
J	Estimated concentrations, results above MDL but less than RL	SGC	Surrogate recovery outside of control limits due to a possible matrix effect . The data was accepted based on valid recovery of the remaining surrogate.
RL	Reporting Limits		
nd	not detected	BS-L	The recovery of this analyte in the BS/LCS was below the control limit. Sample result is suspect.
nl	not listed		
FD	Estimated concentration. Field Duplicate RPD >25%.		

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date																	
			Endosulfan Sulfate	Endosulphan-I	Endosulfan-II	Endrin	Endrin Aldehyde	Endrin Ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Kepone	Mirex	Oxychlorane	Perthane	Toxaphene	trans-Nonachlor	Total Chlordane	
NGA #110	LAILG-NGA#110-1	1/4/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #189	LAILG-NGA#189-1	1/4/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	8.9	14.9
NGA #19	LAILG-NGA#19-2	1/5/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	14	16.3
NGA #124	LAILG-NGA#124-3	1/5/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	17.1	17.1
NGA #183	LAILG-NGA#183-4	1/5/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #4	LAILG-NGA#4-2	1/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #53	LAILG-NGA#53-2	1/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #64	LAILG-NGA#64-1	1/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #130	LAILG-NGA#130-3	1/24/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #182	LAILG-NGA#182-2	1/24/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168	LAILG-NGA#168-4	1/25/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 19	LAILG-NGA19-4	8/12/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.3 ^J	4.4^J
NGA # 4	LAILG-NGA 4-3	8/13/2008	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd	nd ^{M4}	nd	nd	nd	nd	nd	nd	7.1 ^{M4,Q2,FD}	38.8	
Duplicate	LAILG-NGA-DUP	8/13/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	27 ^{FD}	124.4	
NGA # 31	LAILG-NGA 31-1	9/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	7.6	15.2	
Duplicate	LAILG-NGA-DUP	9/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	8.5	20.1	
NGA # 19	LAILG-NGA 19-5	11/26/2008	nd	nd	nd	nd	nd	339.4 ^{Q3}	nd	nd	nd	nd	nd	nd	nd	nd	6.6 ^{1,Q3}	20.2^J	
NGA # 210	LAILG-NGA 210-1	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 184	LAILG-NGA 184-1	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 124	LAILG-NGA 124-4	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.7 ^J	8.2^J	
NGA # 31	LAILG-NGA 31-2	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	3.8 ^J	17.9^J	
NGA # 130	LAILG-NGA 130-4	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 150	LAILG-NGA 150-3	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 25	LAILG-NGA 25-1	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{Q6}	nd	nd	nd	nd	nd	4.7 ^J	16.2^J	
NGA # 150	LAILG-NGA 150-4	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 124	LAILG-NGA 124-5	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	3.9 ^J	13.6^J	
NGA # 189	LAILG-NGA 189-2	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 110	LAILG-NGA 110-2	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 31	LAILG-NGA 31-3	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 184	LAILG-NGA 184-2	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	4.2^J
NGA # 130	LAILG-NGA 130-5	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 178	LAILG-NGA 178-1	12/15/2008	nd	nd ^{M4}	nd ^{M4}	nd	nd	nd	nd	nd	nd ^{M4}	nd	nd	nd	nd	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 64	LAILG-NGA 64-2	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	666	nd	nd
NGA # 168	LAILG-NGA 168-5	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 4	LAILG-NGA 4-4	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	23.7	99.5	
CWIL Limits			nl	5.6	5.6	36	nl	nl	0.21	0.1	nl	nl	nl	a)	nl	25	a)	0.57	
MDL			1	1	1	1	1	1	1	1	1	1	1	1	5	10	1	1	
RL			5	5	5	5	5	5	5	5	5	5	5	5	10	50	5	5	

Concentrations are reported in nanograms per liter (ng/L). Results above **CWIL Limits** are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

<p>CWIL MDL J RL nd nl FD</p>	<p>Conditional waiver for irrigated lands Method Detection Limits Estimated concentrations, results above MDL but less than RL Reporting Limits not detected not listed Estimated concentration. Field Duplicate RPD >25%.</p>	<p>M4 Q2</p>	<p>Spike or surrogate compound recovery was out of control due to matrix interference. The associated method blank spike or surrogate compound was in control and therefore the sample data was reported without further clarification. The sample RPD was out of control. Sample is heterogeneous and sample homogeneity could not be readily achieved using routine laboratory practices.</p>	<p>Q3 Q6</p>	<p>RPD values are not accurate and not applicable because the results for R1 and/or R2 are lower than ten times the MDL. CRG's Quality Assurance Program Document allows for 5% of the target compounds greater than ten times the MDL to be outside the specified acceptance limits for precision and/or accuracy. This is often due to random error and cannot be attributed to a specific reason.</p>
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SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
CHLORINATED PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Pesticides															
			Endosulfan Sulfate	Endosulphan-I	Endosulfan-II	Endrin	Endrin Aldehyde	Endrin Ketone	Heptachlor	Heptachlor Epoxide	Methoxychlor	Kepone	Mirex	Oxychlorane	Perthane	Toxaphene	trans-Nonachlor	Total Chlordane
NGA #130	NGA-#130-LAILG-1	8/6/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd	
NGA #183	NGA-#183-LAILG-1	8/6/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd	
NGA #19	NGA-#19-LAILG-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd	
NGA #124	NGA-#124-LAILG-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	21.9	34
NGA #168	NGA-#168-LAILG-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd	nd	nd	nd	nd
NGA BLANK	NGA LAILG-BLANK-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA FB LI	NGA-LAILG-FB LI	8/21/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA EQB LI	NGA-LAILG-EQB LI	8/21/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #150	NGA-#150-LAILG	9/25/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd ^D	nd	nd	nd	nd
NGA #183	ILG-#183	9/26/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd ^D	nd	nd	nd	nd
NGA #183-DUP	ILGNGA-#Dup	9/26/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd ^D	nd	nd	nd	nd
NGA #EQUIP	ILGNGA-#Equip	9/26/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #FIELD	ILGNGA-#FIELD-2	9/28/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168-2	ILGNGA-#168-2	9/28/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	na	nd	nd ^D	nd	nd	nd	nd
NGA #168	NGA-#168-LAILG-3	11/30/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd ^C	nd	nd	nd	nd	nd	1.7 ^J	5.6^J
NGA #182	NGA #182-LAILG-1	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #182-DUP	NGA-Duplicate	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #4	NGA #4-LAILG-1	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #130	NGA #130-LAILG-2	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #150	NGA #150-LAILG-2	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #124	NGA-#124-LAILG-2	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	7.3	11.4
NGA #EQUIP	NGA-equip blank	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #FIELD	Field Blank-2	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #176	LAILG-NGA#176-1	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^C	nd	nd	nd	nd	nd	nd
NGA #183	LAILG-NGA#183-3	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^C	nd	nd	nd	nd	nd	nd
NGA #19	LAILG-NGA#19-2	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^C	nd	nd	nd	nd	2.4 ^J	2.4^J
NGA #13	LAILG-NGA#13-1	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^C	nd	nd	nd	nd	54.1	110.9
NGA #53	LAILG-NGA#53-1	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^C	nd	nd	nd	nd	nd	nd
CWIL Limits			nl	5.6	5.6	36	nl	nl	0.21	0.1	nl	nl	nl	a)	nl	25	a)	0.57
MDL			1	1	1	1	1	1	1	1	1	1	1	1	5	10	1	1
RL			5	5	5	5	5	5	5	5	5	5	5	5	10	50	5	5

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands
A Component of total chlordane, see total chlordane for CWIL limitations
B Estimated concentration, RPD of duplicate sample >25%
C Procedural blank Matrix Spike recovery out of limits
D Procedural blank Matrix Spike Duplicate RPD out of limits
J Estimated concentrations, results above MDL but less than RL

MDL Method Detection Limits
RL Reporting Limits
nd not detected
nl not listed
na not analyzed

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 3 INTERIM
ORGANOPHOSPHORUS PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Organophosphorus Pesticides																							Sample Notes
			Azinphos methyl	Bolstar	Chlorpyrifos	Coumaphos	Demeton-o	Demeton-s	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprop	Ethyl parathion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl Parathion	Mevinphos	Naled	Phorate	Ronnel	Stirophos	Tokuthion	
NGA #124	LAILG-NGA-124-10	11/29/2018	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	M-02
NGA #158	LAILG-NGA-158-2	11/29/2018	<20	<20	<20	<20	<20	<20	150	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	M-02
NGA #178	LAILG-NGA-178-5	11/29/2018	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	M-02
NGA #202	LAILG-NGA-202-3	11/29/2018	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	M-02
Duplicate	LAILG-NGA-DUP	11/29/2018	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	M-02
Equip Blank	LAILG-NGA-EB	11/29/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Field Blank	LAILG-NGA- FB	11/29/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
NGA #4	LAILG-NGA-4-10	1/14/2019	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	M-02
NGA #19	LAILG-NGA-19-10	1/14/2019	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	M-02
NGA #64	LAILG-NGA-64-6	1/14/2019	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	M-02
NGA #168	LAILG-NGA-168-10	1/14/2019	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	M-02
WQB			80	nl	50	37	nl	nl	100	35	21,500	1,950	22,000	nl	nl	2,600	49	nl	485	nl	70	300	nl	nl	nl	nl
MRL			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits or ALB guidelines are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be estimated.

CWIL Conditional waiver for irrigated lands, order #R4-2005-0080
MRL Method Detection Limits
WQB Water Quality Benchmarks
! Estimated concentration. Field Duplicate RPD >25%.
nl not listed
nd not detected
M-02 Due to the nature of matrix interferences, sample was diluted prior to preparation. The MDL and MRL were raised due to the dilution.

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 2 INTERIM
ORGANOPHOSPHORUS PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Organophosphorus Pesticides																							Sample Notes		
			Azinphos methyl	Bolstar	Chlorpyrifos	Coumaphos	Demeton-o	Demeton-s	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprop	Ethyl parathion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl Parathion	Mevinphos	Naled	Phorate	Ronnel	Stirophos	Tokuthion		Trichloronate	
NGA #124	LAILG-NGA-124-9	1/9/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10		
NGA #178	LAILG-NGA-178-4	1/9/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	13	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
NGA #184	LAILG-NGA-184-4	1/9/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
NGA #202	LAILG-NGA-202-2	1/9/2018	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
NGA #4	LAILG-NGA-4-9	3/22/2018	<50	<50	360	<50	<50	<50	62	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	M-02
NGA #19	LAILG-NGA-19-9	3/22/2018	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	M-02
NGA #64	LAILG-NGA-64-5	3/22/2018	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	M-02
NGA #168	LAILG-NGA-168-9	3/22/2018	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	M-02
WQB			80	nl	50	37	nl	nl	100	35	21,500	1,950	22,000	nl	nl	2,600	49	nl	485	nl	70	300	nl	nl	nl	nl		
MRL			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10.0	10	10	10	10	

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits or ALB guidelines are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be estimated.

CWIL Conditional waiver for irrigated lands, order #R4-2005-0080
MRL Method Detection Limits
WQB Water Quality Benchmarks
! Estimated concentration. Field Duplicate RPD >25%.
nl not listed
nd not detected
M-02 Due to the nature of matrix interferences, sample was diluted prior to preparation. The MDL and MRL were raised due to the dilution.

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 1 INTERIM
ORGANOPHOSPHORUS PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Organophosphorus Pesticides																							Sample Notes	
			Azinphos methyl	Bolstar	Chlorpyrifos	Coumaphos	Demeton-o	Demeton-s	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprop	Ethyl parathion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl Parathion	Mevinphos	Naled	Phorate	Ronnel	Stirophos	Tokuthion		Trichloronate
NGA #4	LAILG-NGA-4-8	1/20/2017	<10	<10	11	<10	<10	<10	17	<10	<10	<10	<10	<10	<10	30	<10	<10	<10	<10	<10	<10	<10	<10	<10		
NGA #19	LAILG-NGA-19-8	1/20/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
NGA #176	LAILG-NGA-176-3	1/20/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
Duplicate	LAILG-NGA-DUP	1/20/2017	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	
NGA #124	LAILG-NGA-124-8	2/17/2017	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	M-02
NGA #150	LAILG-NGA-150-7	2/17/2017	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	M-02
NGA #158	LAILG-NGA-158-1	2/17/2017	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	M-02
NGA #178	LAILG-NGA-178-3	2/17/2017	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	M-02
NGA #202	LAILG-NGA- 202-1	2/17/2017	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	M-02
WQB			80	nl	25	37	nl	nl	100	35	21,500	1,950	22,000	nl	nl	2,600	295	nl	485	nl	70	300	nl	nl	nl	nl	
MRL			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10.0	10	10	10	10	

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits or ALB guidelines are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be estimated.

CWIL Conditional waiver for irrigated lands, order #R4-2005-0080
MRL Method Detection Limits
WQB Water Quality Benchmarks
! Estimated concentration. Field Duplicate RPD >25%.
nl not listed
nd not detected
M-02 Due to the nature of matrix interferences, sample was diluted prior to preparation. The MDL and MRL were raised due to the dilution.

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 3
ORGANOPHOSPHORUS PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Organophosphorus Pesticides																							Sample Notes
			Azinphos methyl	Bolstar	Chlorpyrifos	Coumaphos	Demeton-o	Demeton-s	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprop	Ethyl parathion	Fensulfothion	Fenthion	Malathion	Merphos	Methyl Parathion	Mevinphos	Naled	Phorate	Ronnel	Stirophos	Tokuthion	
NGA #19	LAILG-NGA19-7	2/28/2014	<10	<10	22!	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
NGA #26	LAILG-NGA26-1	2/28/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	23	<10	<10	<10	<10	<10	<10	<10	<10	<10
NGA #124	LAILG-NGA124-7	2/28/2014	<10	<10	17	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	13	<10	<10	<10	<10	<10	<10	<10	<10	<10
NGA #178	LAILG-NGA178-2	2/28/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
NGA #184	LAILG-NGA184-3	2/28/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Duplicate	LAILG-NGA-DUP	2/28/2014	<10	<10	31!	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Equip Blank	LAILG-NGA-EB	2/28/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Field Blank	LAILG-NGA- FB	2/28/2014	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
WQB			80	nl	25	37	nl	nl	100	35	21,500	1,950	22,000	nl	nl	2,600	295	nl	485	nl	70	300	nl	nl	nl	nl
MRL			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits or ALB guidelines are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be estimated.

CWIL Conditional waiver for irrigated lands, order #R4-2005-0080
MRL Method Detection Limits
WQB Water Quality Benchmarks
! Estimated concentration. Field Duplicate RPD >25%.
nl not listed
nd not detected

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 1
ORGANOPHOSPHORUS PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Organophosphorus Pesticides																							Sample Notes	
			Azinphos methyl	Bolstar	Chlorpyrifos	Coumaphos	Demeton-o	Demeton-s	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprop	Ethyl parathion	Fensulfthion	Fenthion	Malathion	Merphos	Methyl Parathion	Mevinphos	Naled	Phorate	Ronnel	Stirophos	Tokuthion		Trichloronate
NGA #4	LAILG-NGA4-5	3/21/2011	nd	nd	11000 ^{E1}	nd	nd ^{Q-02}	nd ^{Q-02}	1000 ^{E1}	nd	nd ^{MS-05}	nd ^{Q-02}	nd	nd	nd	nd	7300 ^{E1}	nd	nd	nd	nd	nd	nd	nd	nd	nd	S4
NGA #124	LAILG-NGA124-6	3/21/2011	nd	nd	10	nd	nd ^{Q-02}	nd ^{Q-02}	nd	nd	nd ^{MS-05}	nd ^{Q-02}	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #150	LAILG-NGA150-5	3/21/2011	nd	nd	33	nd	nd ^{Q-02}	nd ^{Q-02}	nd	nd	nd ^{MS-05}	nd ^{Q-02}	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #19	LAILG-NGA19-6	3/23/2011	nd ^{MS-05,BS-L}	nd ^{MS-05}	25	nd	nd	nd	nd	nd	nd ^{MS-05}	nd ^{BS-03}	nd	nd	nd ^{MS-05}	nd ^{BS-03}	nd	nd ^{Q-08}	nd	nd	nd ^{MS-05}	nd	nd	nd	nd	nd	
Duplicate	LAILG-NGA-DUP	3/21/2011	nd	nd	11	nd	nd ^{Q-02}	nd ^{Q-02}	nd	nd	nd ^{MS-05}	nd ^{Q-02}	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
Equip Blank	LAILG-NGA-EB	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
Field Blank	LAILG-NGA- FB	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #168	LAILG-NGA168-6	3/17/2012	nd ^{BS-03}	nd	nd	nd ^{Q-08,A-01}	nd	nd	nd	nd	nd	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd ^{Q-08}	nd	nd	nd	nd	nd	
NGA #31	LAILG-NGA31-4	3/17/2012	nd ^{BS-03}	nd	nd	nd ^{Q-08,A-01}	nd	nd	nd	nd	nd	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd ^{Q-08}	nd	nd	nd	nd	nd	
NGA #162	LAILG-NGA162-1	3/17/2012	nd ^{BS-03}	nd	nd	nd ^{Q-08,A-01}	nd	nd	nd	nd	nd	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd ^{Q-08}	nd	nd	nd	nd	nd	
NGA #64	LAILG-NGA64-3	3/17/2012	nd ^{BS-03}	nd	nd	nd	nd	nd	nd	nd	nd ^{MS-05}	nd	nd	nd	nd ^{MS-05}	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{BS-03}	nd	nd	
Duplicate	LAILG-NGA-DUP	3/17/2012	nd ^{BS-03}	nd	nd	nd ^{Q-08,A-01}	nd	nd	nd	nd	nd	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd ^{Q-08}	nd	nd	nd	nd	nd	
Equip Blank	LAILG-NGA-EB	3/17/2012	nd ^{BS-03}	nd	nd	nd ^{Q-08,A-01}	nd	nd	nd	nd	nd	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd ^{Q-08}	nd	nd	nd	nd	nd	
Field Blank	LAILG-NGA- FB	3/17/2012	nd ^{BS-03}	nd	nd	nd ^{Q-08,A-01}	nd	nd	nd	nd	nd	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd	nd ^{Q-08}	nd ^{Q-08}	nd	nd ^{Q-08}	nd	nd	nd	nd	nd	
NGA #4	LAILG-NGA4-6	3/25/2012	nd ^{BS-03}	nd	44,000	nd ^{BS-03}	nd ^{BS-03}	nd ^{BS-03}	nd ^{Q-12}	nd	nd ^{MS-05}	nd	nd	nd	nd ^{Q-08,BS-03}	nd	2,100 ^{Q-08,A-01a}	nd ^{Q-08}	nd ^{BS-03}	nd	nd ^{BS-03}	nd	nd	nd ^{BS-03}	nd	nd	
NGA #170	LAILG-NGA170-1	3/25/2012	nd ^{MS-05,BS-L}	nd	nd	nd ^{BS-03}	nd	nd	nd	nd	nd ^{MS-05}	nd	nd	nd ^{MS-05}	nd ^{Q-08}	nd	nd	nd ^{Q-08}	nd ^{MS-05}	nd	nd ^{Q-08,A-01}	nd	nd	14 ^{BS-03}	nd	nd	
NGA #176	LAILG-NGA176-2	3/25/2012	nd ^{MS-05,BS-L}	nd	nd	nd ^{BS-03}	nd	nd	nd	nd	nd ^{MS-05}	nd	nd	nd ^{MS-05}	nd ^{Q-08}	nd	nd	nd ^{Q-08}	nd ^{MS-05}	nd	nd ^{Q-08,A-01}	nd	nd	nd ^{BS-03}	nd	nd	
NGA #210	LAILG-NGA210-2	3/25/2012	nd ^{MS-05,BS-L}	nd	nd	nd ^{BS-03}	nd	nd	nd	nd	nd ^{MS-05}	nd	nd	nd ^{MS-05}	nd ^{Q-08}	nd	41	nd ^{Q-08}	nd ^{MS-05}	nd	nd ^{Q-08,A-01}	nd	nd	nd ^{BS-03}	nd	nd	
Duplicate	LAILG-NGA-DUP	3/25/2012	nd ^{BS-03}	nd	42,000	nd ^{BS-03}	nd ^{BS-03}	nd ^{BS-03}	nd ^{Q-12}	nd	nd ^{MS-05}	nd	nd	nd	nd ^{Q-08,BS-03}	nd	2,000 ^{Q-08,A-01a}	nd ^{Q-08}	nd ^{BS-03}	nd	nd ^{BS-03}	nd	nd	nd ^{BS-03}	nd	nd	
Equip Blank	LAILG-NGA-EB	3/25/2012	nd ^{BS-03}	nd	nd	nd ^{BS-03}	nd ^{BS-03}	nd ^{BS-03}	nd ^{Q-12}	nd	nd ^{MS-05}	nd	nd	nd	nd ^{Q-08,BS-03}	nd	nd ^{Q-08,A-01a}	nd ^{Q-08}	nd ^{BS-03}	nd	nd ^{BS-03}	nd	nd	nd ^{BS-03}	nd	nd	
Field Blank	LAILG-NGA- FB	3/25/2012	nd ^{BS-03}	nd	nd	nd ^{BS-03}	nd ^{BS-03}	nd ^{BS-03}	nd ^{Q-12}	nd	nd ^{MS-05}	nd	nd	nd	nd ^{Q-08,BS-03}	nd	nd ^{Q-08,A-01a}	nd ^{Q-08}	nd ^{BS-03}	nd	nd ^{BS-03}	nd	nd	nd ^{BS-03}	nd	nd	
CWIL Limits			nl	nl	25	nl	nl	nl	100	nl	nl ⁽¹⁾	nl ⁽¹⁾	nl ⁽¹⁾	nl	nl	nl	nl ⁽¹⁾	nl	nl ⁽¹⁾	nl	nl	nl	nl	nl	nl	nl	
MDL			5.5	4.6	6.9	5.1	10	10	5.2	2.9	6.2	10	10	6.7	5.4	2.9	3.8	7.6	5.8	6.3	4.2	7.6	3.0	4.1	3.1	7.8	6.7
RL			10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits or ALB guidelines are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be estimated.

CWIL Conditional waiver for irrigated lands, order #R4-2005-0080
MDL Method Detection Limits
RL Reporting Limits
FD Estimated concentration. Field Duplicate RPD >25%.
nl not listed
nd not detected
(1) Although no discharge limits were set in the CWIL, the US EPA has set an aquatic life benchmark for this constituent. See Table 7.

E1 The concentration indicated for this analyte is an estimated value above the calibration range.
S4 The surrogate recovery for this sample is outside of established control limits due to possible sample matrix effect.
Q-08 High bias in the QC sample does not affect sample result since analyte was not detected or below the reporting limit.
A-01 High bias in MS and MSD. However, ll-ccv has an acceptable recovery. The batch was accepted since all samples were ND for this analyte.
A-01a Low recovery in BS and high recoveries in both MS/MSD. However, ll-ccv has an acceptable recovery. The batch was accepted since samples were either ND or yielded very high results.
Q-12 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on the percent recoveries and/or other acceptable QC data.
Q-02 Low recovery of this analyte in the QC sample. The analysis of the low level standard produced acceptable recovery indicating that the sample result might be accurately reported as non-detect.
MS-05 The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
BS-L The recovery of this analyte in the BS/LCS was below the control limit. Sample result is suspect.
BS-03 The recovery of this analyte in the BS/LCS was outside the control limits. The sample result was accepted based on another acceptable BS/LCS and/or MS and MSD that meet BS criteria.

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
ORGANOPHOSPHORUS PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Organophosphorus Pesticides																		
			Bolstar	Chlorpyrifos	Demeton	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprop	Fenclorophos	Fensulfothion	Fenthion	Malathion	Merphos	Methyl Parathion	Mevinphos	Phorate	Tetrachlorvinphos	Tokuthion	Trichloronate
NGA #110	LAILG-NGA110-1	1/4/2008	nd	88.5	nd	534.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #189	LAILG-NGA189-1	1/4/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #19	LAILG-NGA19-3	1/5/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #124	LAILG-NGA124-3	1/5/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #183	LAILG-NGA183-4	1/5/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #4	LAILG-NGA4-2	1/23/2008	nd	153.8	nd	2,212.1	nd	nd	nd	nd	nd	nd	15,453.2	nd	nd	nd	nd	nd	nd	nd	
NGA #53	LAILG-NGA53-2	1/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #64	LAILG-NGA64-1	1/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #130	LAILG-NGA130-3	1/24/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #182	LAILG-NGA182-2	1/24/2008	nd	nd	nd	nd	nd	13.3	nd	nd	nd	nd	19.9	nd	nd	nd	nd	nd	nd	nd	
NGA #168	LAILG-NGA168-4	1/25/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 19	LAILG-NGA19-4	8/12/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 4	LAILG-NGA 4-3	8/13/2008	nd ^{M4}	nd ^{M4}	nd ^{M4}	6,058.9 ^{O1.O2.FI}	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd ^{M4}	1,148,630 ^{O1}	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd ^{M4}	nd ^{M4}	
Duplicate	LAILG-NGA-DUP	8/13/2008	nd	nd	nd	13586.8 ^{FD}	nd	nd	nd	nd	nd	nd	1,117,145	nd	nd	nd	nd	nd	nd	nd	
NGA # 31	LAILG-NGA 31-1	9/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
Duplicate	LAILG-NGA-DUP	9/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 19	LAILG-NGA 19-5	11/26/2008	nd	130.1	nd	32.6	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 210	LAILG-NGA 210-1	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	56.4	nd	nd	nd	nd	nd	nd	nd	
NGA # 184	LAILG-NGA 184-1	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
Duplicate	LAILG-NGA-DUP	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 124	LAILG-NGA 124-4	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 31	LAILG-NGA 31-2	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 130	LAILG-NGA 130-4	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 150	LAILG-NGA 150-3	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 25	LAILG-NGA 25-1	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 150	LAILG-NGA 150-4	12/15/2008	nd	90.2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 124	LAILG-NGA 124-5	12/15/2008	nd	21	nd	98.5	nd	nd	nd	nd	nd	nd	85.3	nd	nd	nd	nd	nd	nd	nd	
NGA # 189	LAILG-NGA 189-2	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	26.9	nd	nd	nd	nd	nd	nd	nd	
NGA # 110	LAILG-NGA 110-2	12/15/2008	nd	nd	nd	79.8	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 31	LAILG-NGA 31-3	12/15/2008	nd	44.5	nd	nd	nd	nd	nd	nd	nd	nd	3,433.9	nd	nd	nd	nd	nd	nd	nd	
NGA # 184	LAILG-NGA 184-2	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 130	LAILG-NGA 130-5	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	85.2	nd	nd	nd	nd	nd	nd	nd	
NGA # 178	LAILG-NGA 178-1	12/15/2008	nd	nd	nd	nd	nd	nd	nd ^{M4}	nd	nd	nd ^{M4}	nd	nd	nd	nd	nd	nd ^{M4}	nd	nd	
Duplicate	LAILG-NGA-DUP	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 64	LAILG-NGA 64-2	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA # 168	LAILG-NGA 168-5	12/15/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	38.9	nd	nd	nd	nd	nd	nd	nd	
NGA # 4	LAILG-NGA 4-4	12/15/2008	nd	590.9	nd	859	nd	nd	nd	nd	nd	nd	102,357.2	nd	nd	nd	nd	nd	nd	nd	
CWIL Limits			nl	25	nl	100	nl	nl ⁽¹⁾	nl ⁽¹⁾	nl ⁽¹⁾	nl	nl	nl ⁽¹⁾	nl	nl ⁽¹⁾	nl	nl ⁽¹⁾	nl	nl	nl	
MDL			2	1	1	2	3	3	1	1	2	1	2	3	1	1	8	6	2	3	1
RL			4	2	2	4	6	6	2	2	4	2	4	6	2	2	16	12	4	6	2

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits or ALB guidelines are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be estimated.

- CWIL Conditional waiver for irrigated lands, order #R4-2005-0080
MDL Method Detection Limits
RL Reporting Limits
FD Estimated concentration. Field Duplicate RPD >25%.
nl not listed
nd not detected
(1) Although no discharge limits were set in the CWIL, the US EPA has set an aquatic life benchmark for this constituent. See Table 7.
- M4 Spike or surrogate compound recovery was out of control due to matrix interference. The associated method blank spike or surrogate compound was in control and therefore the sample data was reported without further clarification.
- Q1 Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration.
- Q2 The sample RPD was out of control. Sample is heterogeneous and sample homogeneity could not be readily achieved using routine laboratory practices.

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
ORGANOPHOSPHORUS PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Organophosphorus Pesticides																		
			Bolstar	Chlorpyrifos	Demeton	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprop	Fenclorophos	Fensulfothion	Fenthion	Malathion	Merphos	Methyl Parathion	Mevinphos	Phorate	Tetrachlorvinphos	Tokuthion	Trichloronate
NGA #130	NGA-#130-LAILG-1	8/6/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #183	NGA-#183-LAILG-1	8/6/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #19	NGA-#19-LAILG-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #124	NGA-#124-LAILG-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #168	NGA-#168-LAILG-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA BLANK	NGA LAILG-BLANK-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA FBLI	NGA-LAILG-FBLI	8/21/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA EQBLI	NGA-LAILG-EQBLI	8/21/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #150	NGA-#150-LAILG	9/25/2007	nd	nd	nd	nd	nd	nd	nd ^D	nd	nd	nd	nd ^D	nd	nd	nd	nd	nd ^D	nd	nd	
NGA #183	ILG-#183	9/26/2007	nd	nd	nd	nd	nd	nd	nd ^D	nd	nd	nd	nd	nd ^D	nd	nd	nd	nd ^D	nd	nd	
NGA #183-DU	ILGNGA-#Dup	9/26/2007	nd	nd	nd	nd	nd	nd	nd ^D	nd	nd	nd	nd	nd ^D	nd	nd	nd	nd ^D	nd	nd	
NGA #EQUIP	ILGNGA-#Equip	9/26/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #FIELD	ILGNGA-#FIELD-2	9/28/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #168-2	ILGNGA-#168-2	9/28/2007	nd	nd	nd	nd	nd	nd	nd ^D	nd	nd	nd	nd	nd ^D	nd	nd	nd	nd ^D	nd	nd	
NGA #168	NGA-#168-LAILG-3	11/30/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	8.9	nd	nd	nd	nd	nd	nd	
NGA #182	NGA-#182-LAILG-1	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #182-DU	NGA-Duplicate	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #4	NGA-#4-LAILG-1	12/7/2007	nd	1,122.6	nd	175.2	11.3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #130	NGA-#130-LAILG-2	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #150	NGA-#150-LAILG-2	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #124	NGA-#124-LAILG-2	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #EQUIP	NGA-equip blank	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #FIELD	Field Blank-2	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #176	NGA-#176-LAILG-1	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #183	LAILG-NGA#183-3	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #19	LAILG-NGA#19-2	12/18/2007	nd	nd	nd	15	nd	nd	nd	nd	nd	nd	2,291.3	nd	nd	nd	nd	nd	nd	nd	
NGA #13	LAILG-NGA#13-1	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #53	LAILG-NGA#53-1	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
CWIL Limits			nl	25	nl	100	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	
MDL			2	1	1	2	3	3	1	1	2	1	2	3	1	1	8	6	2	3	1
RL			4	2	2	4	6	6	2	2	4	2	4	6	2	2	16	12	4	6	2

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in **BOLD**. Footnotes in **BOLD** indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimated.

CWIL Conditional waiver for irrigated lands, order #R4-2005-0080
D Procedural blank Matrix Spike Duplicate RPD out of limits
nl not listed

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 3 INTERIM
PYRETHROID PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Pyrethroid Pesticides													Sample Notes		
			Allethrin	Bifenthrin	Cyfluthrin	Cypermethrin	Deltamethrin /Tralomethrin	Dichloran	Fenpropathrin (Danitol)	Fenvalerate /Esfenvalerate	L-Cyhalothrin	Pendimethalin	Permethrin	Prallethrin	Sumithrin		Tefluthrin	
NGA #124	LAILG-NGA-124-10	11/29/2018	<40	1,700	110	<40	<40	<40	<40	<40	<40	<40	85	<100	<40	<40	<40	M-04
NGA #158	LAILG-NGA-158-2	11/29/2018	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<250	<100	<500	<100	M-04
NGA #178	LAILG-NGA-178-5	11/29/2018	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<10	<4.0	<20	<4.0	M-04
NGA #202	LAILG-NGA-202-3	11/29/2018	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<50	<20	<100	<20	M-04
Duplicate	LAILG-NGA-DUP	11/29/2018	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<50	<20	<100	<20	M-04
Equip Blank	LAILG-NGA-EB	11/29/2018	<2.0	3.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	
Field Blank	LAILG-NGA- FB	11/29/2018	<2.0	<2.0	9.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	
NGA #4	LAILG-NGA-4-10	1/14/2019	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<40	<100	<40	<200	<40	M-04
NGA #19	LAILG-NGA-19-10	1/14/2019	<10	<10	<10	<10	<10	<10	<10	59	<10	<10	<10	<25	<10	<50	<10	M-04
NGA #64	LAILG-NGA-64-6	1/14/2019	<10	<10	<10	<10	<10	<10	<10	59	<10	<10	<10	<25	<10	<50	<10	M-04
NGA #168	LAILG-NGA-168-10	1/14/2019	<20	570	240	<20	<20	<20	<20	<20	<20	<20	99	<50	<20	<100	<20	M-04
WQB			1,050	800	12.5	210	55	nl	265	25	3.5	140,000	19.5	3,100	2,200	35		
MRL			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	10	2.0	

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimate

CWIL	Conditional waiver for irrigated lands, order #R4-2005-0080	M-04	Visual evaluation of the sample indicates the RPD or QC spike is above the control limit due to a non-homogeneous sample matrix
WQB	Water Quality Benchmark	S-GC	Surrogate recovery outside of control limits due to a possible matrix effect. The data was accepted based on valid recovery of the remaining surrogate
nl	not listed		

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 2 INTERIM
PYRETHROID PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Pyrethroid Pesticides													Sample Notes		
			Allethrin	Bifenthrin	Cyfluthrin	Cypermethrin	Deltamethrin /Tralomethrin	Dichloran	Fenpopathrin (Danitol)	Fenvalerate /Esfenvalerate	L-Cyhalothrin	Pendimethalin	Permethrin	Prallethrin	Sumithrin		Telfluthrin	
NGA #124	LAILG-NGA-124-9	1/9/2018	<40	180	<40	<40	<40	<40	<40	<40	<40	<40	46	<100	<40	<200	<40	M-04
NGA #178	LAILG-NGA-178-4	1/9/2018	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<50	<20	<100	<20	M-04
NGA #184	LAILG-NGA-184-4	1/9/2018	<10	19	<10	<10	<10	<10	<10	<10	<10	<10	290	43	<10	<50	<10	M-04
NGA #202	LAILG-NGA-202-2	1/9/2018	<10	<10	<10	<10	13	<10	<10	<10	<10	<10	34	<25	<10	<50	<10	M-04
NGA #4	LAILG-NGA-4-9	3/22/2018	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<250	<100	<500	<100	M-04
NGA #19	LAILG-NGA-19-9	3/22/2018	<20	<20	<20	<20	<20	<20	<20	51	<20	<20	27	<50	<20	<100	<20	M-04
NGA #64	LAILG-NGA-64-5	3/22/2018	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<50	<20	<100	<20	M-04
NGA #168	LAILG-NGA-168-9	3/22/2018	<40	97	<40	<40	<40	<40	<40	<40	<40	<40	<40	<100	<40	<200	<40	M-04
WQB			1,050	800	12.5	210	55	nl	265	25	3.5	140,000	19.5	3,100	2,200	35		
MRL			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	10	2.0	

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimate.

CWIL	Conditional waiver for irrigated lands, order #R4-2005-0080	M-04	Visual evaluation of the sample indicates the RPD or QC spike is above the control limit due to a non-homogeneous sample matrix.
WQB	Water Quality Benchmark	S-GC	Surrogate recovery outside of control limits due to a possible matrix effect. The data was accepted based on valid recovery of the remaining surrogate.
nl	not listed		

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 1 INTERIM
PYRETHROID PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Pyrethroid Pesticides													Sample Notes		
			Allethrin	Bifenthrin	Cyfluthrin	Cypermethrin	Deltamethrin /Tralomethrin	Dichloran	Fenpropathrin (Danitol)	Fenvalerate /Esfenvalerate	L-Cyhalothrin	Pendimethalin	Permethrin	Prallethrin	Sumithrin		Tefluthrin	
NGA #4	LAILG-NGA-4-8	1/20/2017	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<250	<100	<500	<100	M-04
NGA #19	LAILG-NGA-19-8	1/20/2017	<40	<40	<40	<40	<40	<40	<40	64	<40	<40	<40	<100	<40	<200	<40	M-04
NGA #176	LAILG-NGA-176-3	1/20/2017	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<500	<200	<1000	<200	M-04
Duplicate	LAILG-NGA-DUP	1/20/2017	<40	<40	<40	<40	<40	<40	<40	48	<40	<40	<40	<100	<40	<200	<40	M-04
NGA #124	LAILG-NGA-124-8	2/17/2017	<100	3900	230	<100	<100	<100	<100	<100	<100	<100	760	<250	<100	<500	<100	M-04
NGA #150	LAILG-NGA-150-7	2/17/2017	<20	3900	<20	<20	<20	<20	<20	670	<20	<20	<20	1900	<20	<100	<20	M-04
NGA #158	LAILG-NGA-158-1	2/17/2017	<40	<40	<40	<40	54	<40	<40	<40	<40	<40	<40	<100	<40	<200	<40	M-04
NGA #178	LAILG-NGA-178-3	2/17/2017	<20	20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<50	<20	<100	<20	M-04
NGA #202	LAILG-NGA- 202-1	2/17/2017	<40	42	<40	<40	54	<40	<40	<40	<40	<40	<40	<100	<40	<200	<40	M-04
WQB			1,050	800	12.5	210	55	nl	265	25	3.5	140,000	10.6	3,100	2,200	35		
MRL			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	10	2.0	

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimate

CWIL	Conditional waiver for irrigated lands, order #R4-2005-0080	M-04	Visual evaluation of the sample indicates the RPD or QC spike is above the control limit due to a non-homogeneous sample matrix
WQB	Water Quality Benchmark	S-GC	Surrogate recovery outside of control limits due to a possible matrix effect. The data was accepted based on valid recovery of the remaining surrogate
nl	not listed		

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 5 CONTINUATION
PYRETHROID PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Pyrethroid Pesticides													Sample Notes	
			Allethrin	Bifenthrin	Cyfluthrin	Cypermethrin	Deltamethrin /Tralomethrin	Dichloran	Fenpopathrin (Danitol)	Fenvalerate /Esfenvalerate	L-Cyhalothrin	Pendimethalin	Permethrin	Prallethrin	Sumithrin		Telfluthrin
NGA #64	LAILG-NGA-64-4	1/5/2016	<2.0	2.0	<2.0	<2.0	<2.0	2.6	<2.0	<2.0	<2.0	2.7	<2.0	<2.0	<10	<2.0	
NGA #168	LAILG-NGA-168-8	1/5/2016	<2.0	310	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	69	<2.0	<2.0	<10	<2.0	
Duplicate	LAILG-NGA-DUP	1/5/2016	<2.0	250	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	50	<2.0	<2.0	<10	<2.0	
Equip Blank	LAILG-NGA-EB	1/5/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	
Field Blank	LAILG-NGA-FB	1/5/2016	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	
WQB			1,050	800	12.5	210	55	nl	265	25	3.5	140,000	10.6	3,100	2,200	35	
MRL			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	10	2.0	

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimate

CWIL	Conditional waiver for irrigated lands, order #R4-2005-0080	M-04	Visual evaluation of the sample indicates the RPD or QC spike is above the control limit due to a non-homogeneous sample matrix
WQB	Water Quality Benchmark	S-GC	Surrogate recovery outside of control limits due to a possible matrix effect. The data was accepted based on valid recovery of the remaining surrogate
nl	not listed		

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 4
PYRETHROID PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Pyrethroid Pesticides													Sample Notes		
			Allethrin	Bifenthrin	Cyfluthrin	Cypermethrin	Deltamethrin /Tralomethrin	Dichloran	Fenpopathrin (Danitol)	Fenvalerate /Esfenvalerate	L-Cyhalothrin	Pendimethalin	Permethrin	Prallethrin	Sumithrin		Telfluthrin	
NGA #150	LAILG-NGA-150-6	12/2/2014	<2.0	4000	<2.0	<2.0	<2.0	<2.0	<2.0	370	<2.0	<2.0	<2.0	1000	<2.0	<10	<2.0	
NGA #188	LAILG-NGA-188-1	12/2/2014	<2.0	51	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	30	<2.0	<2.0	<10	<2.0	
Duplicate	LAILG-NGA-DUP	12/2/2014	<2.0	41	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	30	<2.0	<2.0	<10	<2.0	
NGA #168	LAILG-NGA-168-7	5/15/2015	<2.0	22	<2.0	<2.0	<2.0	<2.0	2.3	<2.0	<2.0	<2.0	460	<5.0	<2.0	<10	<2.0	
Equip Blank	LAILG-NGA-EB	12/2/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	
Field Blank	LAILG-NGA- FB	12/2/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	
WQB			1,050	800	12.5	210	55	nl	265	25	3.5	140,000	10.6	3,100	2,200	35		
MRL			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	10	2.0	

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimate

CWIL	Conditional waiver for irrigated lands, order #R4-2005-0080	M-04	Visual evaluation of the sample indicates the RPD or QC spike is above the control limit due to a non-homogeneous sample matrix.
WQB	Water Quality Benchmark	S-GC	Surrogate recovery outside of control limits due to a possible matrix effect. The data was accepted based on valid recovery of the remaining surrogate
nl	not listed		

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 3
PYRETHROID PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Pyrethroid Pesticides													Sample Notes		
			Allethrin	Bifenthrin	Cyfluthrin	Cypermethrin	Deltamethrin /Tralomethrin	Dichloran	Fenpopathrin (Danitol)	Fenvalerate /Esfenvalerate	L-Cyhalothrin	Pendimethalin	Permethrin	Prallethrin	Sumithrin		Telfluthrin	
NGA #19	LAILG-NGA19-7	2/28/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	28	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	
NGA #26	LAILG-NGA26-1	2/28/2014	<2.0	9.4	20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	
NGA #124	LAILG-NGA124-7	2/28/2014	<10	3,700	<10	<10	<10	<10	<10	170	<10	<10	<10	46	<10	<50	<10	M-04, S-GC
NGA #178	LAILG-NGA178-2	2/28/2014	<20	40	<20	<20	<20	<20	<20	<20	<20	<20	<20	<50	<20	<100	<20	M-04, S-GC
NGA #184	LAILG-NGA184-3	2/28/2014	<2.0	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	
Duplicate	LAILG-NGA-DUP	2/28/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	32	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	
Equip Blank	LAILG-NGA-EB	2/28/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	S-GC
Field Blank	LAILG-NGA- FB	2/28/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<5.0	<2.0	<10	<2.0	S-GC
WQB			1,050	800	12.5	210	55	nl	265	25	3.5	140,000	10.6	3,100	2,200	35		
MRL			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	10	2.0	

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimate.

CWIL	Conditional waiver for irrigated lands, order #R4-2005-0080	M-04	Visual evaluation of the sample indicates the RPD or QC spike is above the control limit due to a non-homogeneous sample matrix.
WQB	Water Quality Benchmark	S-GC	Surrogate recovery outside of control limits due to a possible matrix effect. The data was accepted based on valid recovery of the remaining surrogate.
nl	not listed		

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 1
PYRETHROID PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Pyrethroid Pesticides													Sample Notes		
			Allethrin	Bifenthrin	Cyfluthrin	Cypermethrin	Deltamethrin	Dichloran	Esfenvalerate	Fenvalerate	L-Cyhalothrin	Pendimethalin	Permethrin	Prallethrin	Sumithrin		Telfluthrin	
NGA #4	LAILG-NGA4-5	3/21/2011	nd	22	nd	nd	nd	nd	nd	nd	nd	nd	3.3	1600 ^{E1}	nd	nd	nd	S4
NGA #124	LAILG-NGA124-6	3/21/2011	nd	88	nd	78 ^{FD}	nd	nd	nd	nd	nd	nd	3.8	nd	nd	nd	nd	
NGA #150	LAILG-NGA150-5	3/21/2011	nd	480 ^{E1}	nd	nd	nd	nd	nd	nd	nd	nd	nd	48	nd	nd	nd	
NGA #19	LAILG-NGA19-6	3/23/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	29	nd	nd	nd	nd	
Duplicate	LAILG-NGA-DUP	3/21/2011	nd	74	nd	57	nd	nd	nd	nd	nd	nd	3.7	nd	nd	nd	nd	
Equip Blank	LAILG-NGA-EB	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
Field Blank	LAILG-NGA- FB	3/21/2011	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	
NGA #168	LAILG-NGA168-6	3/17/2012	nd	54	nd	nd	nd	nd	nd ^{BS-03}	nd	nd	nd	18	nd	nd	nd	nd	S4
NGA #31	LAILG-NGA31-4	3/17/2012	nd	2.9	nd	nd	nd	nd	nd ^{BS-03}	nd	nd	nd	33	nd	nd	nd	nd	S4
NGA #162	LAILG-NGA162-1	3/17/2012	nd	11	nd	nd	230	nd	nd ^{BS-03}	nd	nd	nd	23	nd	nd	nd	nd	S4
NGA #64	LAILG-NGA64-3	3/17/2012	nd	nd	nd	nd	nd	nd	nd ^{BS-03}	nd	nd	nd	22	nd	nd	nd	nd	S4
Duplicate	LAILG-NGA-DUP	3/17/2012	nd	nd	nd	nd	nd	nd	nd ^{BS-03}	nd	nd	nd	20	nd	nd	nd	nd	S4
Equip Blank	LAILG-NGA-EB	3/17/2012	nd	nd	nd	nd	nd	nd	nd ^{BS-03}	nd	nd	nd	nd	nd	nd	nd	nd	
Field Blank	LAILG-NGA- FB	3/17/2012	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	S4
NGA #4	LAILG-NGA4-6	3/25/2012	nd ^{BS-03}	9.7	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{FD,BS-03}	100 ^{FD}	nd	nd	nd ^{BS-03}	S4
NGA #170	LAILG-NGA170-1	3/25/2012	nd ^{BS-03}	5.8	nd	nd	nd	nd	nd	nd	nd	nd	11 ^{BS-03}	nd ^{BS-03}	nd	nd	nd ^{BS-03}	S4
NGA #176	LAILG-NGA176-2	3/25/2012	nd ^{BS-03}	270	nd	nd	nd	nd	nd	nd	nd	nd	35 ^{BS-03}	nd ^{BS-03}	nd	nd	nd ^{BS-03}	S4
NGA #210	LAILG-NGA210-2	3/25/2012	nd ^{BS-03}	nd	nd	nd	nd	80	nd	nd	nd	nd	2.7 ^{BS-03}	nd ^{BS-03}	nd	nd	nd ^{BS-03}	S4
Duplicate	LAILG-NGA-DUP	3/25/2012	nd ^{BS-03}	12	nd	nd	nd	nd	nd	nd	nd	nd	47 ^{BS-03}	130 ^{BS-03}	nd	nd	nd ^{BS-03}	S4
Equip Blank	LAILG-NGA-EB	3/25/2012	nd ^{BS-03}	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{BS-03}	nd ^{BS-03}	nd	nd	nd ^{BS-03}	S4
Field Blank	LAILG-NGA- FB	3/25/2012	nd ^{BS-03}	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd ^{BS-03}	nd ^{BS-03}	40	nd	nd ^{BS-03}	S4
CWIL Limits			nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl ⁽¹⁾	nl	nl	nl	
MDL			0.85	0.79	0.83	0.66	1.9	0.80	0.98	0.98	1.2	0.50	5.0	0.92	2.4	0.93		
RL			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	5.0	2.0	10	2.0		

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimate.

CWIL	Conditional waiver for irrigated lands, order #R4-2005-0080	E1	The concentration indicated for this analyte is an estimated value above the calibration range.
FD	estimated concentration. Field Duplicate RPD >25%.	S4	The surrogate recovery for this sample is outside of established control limits due to possible sample matrix effect.
nl	not listed	Q-12	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on the percent recoveries and/or other acceptable QC data.
nd	not detected		
(1)	Although no discharge limits were set in the CWIL, the US EPA has set an aquatic life benchmark for this constituent. See Table 8.	BS-L	The recovery of this analyte in the BS/LCS was below the control limit. Sample result is suspect.
		BS-03	The recovery of this analyte in the BS/LCS was outside the control limits. The sample result was accepted based on another acceptable BS/LCS and/or MS and MSD that meet BS criteria.
		A-01a	Low recovery in BS and high recoveries in both MS/MSD. However, LL-cv has an acceptable recovery. The batch was accepted since samples were either ND or yielded very high result.

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
PYRETHROID PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Pyrethroid Pesticides													
			Allethrin	Bifenthrin	Cyfluthrin	Cypermethrin	Danitol	Deltamethrin	Esfenvalerate	Fenvalerate	Fluvalinate	L-Cyhalothrin	Permethrin	Prallethrin	Resmethrin	
NGA #110	LAILG-NGA110-1	1/4/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #189	LAILG-NGA189-1	1/4/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #19	LAILG-NGA19-3	1/5/2008	nd	nd	nd	nd	6.8	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #124	LAILG-NGA124-3	1/5/2008	nd	581.5	38	nd	1,207.20	66.4	nd	nd	nd	5.5	nd	nd	nd	nd
NGA #183	LAILG-NGA183-4	1/5/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #4	LAILG-NGA4-2	1/23/2008	nd	nd	15.8	nd	1,178.40	157.1	nd	nd	nd	13.6	24.5	nd	nd	nd
NGA #53	LAILG-NGA53-2	1/23/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #64	LAILG-NGA64-1	1/23/2008	nd	30.2	15.1	nd	2.1	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #130	LAILG-NGA130-3	1/24/2008	nd	143.4	4.2	nd	33.2	nd	nd	nd	nd	3.8	nd	nd	nd	nd
NGA #182	LAILG-NGA182-2	1/24/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168	LAILG-NGA168-4	1/25/2008	nd	187.9	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA # 19	LAILG-NGA19-4	8/12/2008	nd	nd	nd	nd	82	nd	nd	nd	nd	9.8	nd	nd	nd	nd
NGA # 4	LAILG-NGA 4-3	8/13/2008	nd ^{M4}	43.8 ^{M4,Q2,FD}	nd ^{FD}	nd ^{M4}	23,704.6 ^{Q1,Q2,FD}	147.3 ^{M4,Q2,FD}	nd ^{M4}	nd	2,488.1 ^{Q1,FD}	10.6 ^{Q2,FD}	359.3 ^{Q1,Q2,FD}	nd ^{M4}	nd ^{M4}	nd ^{M4}
Duplicate	LAILG-NGA-DUP	8/13/2008	nd	306.5 ^{FD}	4.9 ^{FD}	nd	77368.5 ^{FD}	306.9 ^{FD}	nd	nd	1519.6 ^{FD}	37.5 ^{FD}	1,376.0 ^{FD}	nd	nd	nd
NGA # 31	LAILG-NGA 31-1	9/23/2008	nd	nd	4.3	nd	71.9	nd	nd	nd	nd	2.4 ^{EB}	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	9/23/2008	nd	nd	4.9	nd	63.6	nd	nd	nd	nd	2.6 ^{EB}	nd	nd	nd	nd
NGA # 19	LAILG-NGA 19-5	11/26/2008	nd ^{M4}	34.9 ^{M4}	34.4 ^{M4}	nd ^{M4}	1,813.4 ^{M4}	nd ^{M4}	3.3 ^{M4,Q3}	3.3 ^{J,M4,Q3,EB}	274.4 ^{M4}	10.2 ^{M4,FB}	62.3 ^{M4,Q3}	nd	nd ^{M4}	nd ^{M4}
NGA # 210	LAILG-NGA 210-1	11/26/2008	nd	134.5	15.6	23.3	92.9	nd	1.8 ^J	4.1 ^{EB}	nd	7.6 ^{FB}	nd	nd	nd	nd
NGA # 184	LAILG-NGA 184-1	11/26/2008	nd	nd	nd	nd	nd	nd	nd	nd	nd	3.1 ^{FB}	nd	nd	nd	nd
Duplicate	LAILG-NGA-DUP	11/26/2008	nd	nd	nd	nd	nd	nd	2.0	0.9 ^{EB}	nd	6.0 ^{FB}	nd	nd	nd	nd
NGA # 124	LAILG-NGA 124-4	11/26/2008	nd	4,420.1	650.2	nd	121.6	26.6	0.9 ^J	1.0 ^{J,EB}	2,309.8	5.9 ^{FB}	nd	nd	nd	nd
NGA # 31	LAILG-NGA 31-2	11/26/2008	nd	33.9	23.6	nd	382.1	nd	nd	4.3 ^{EB}	nd	16.3 ^{FB}	nd	nd	nd	nd
NGA # 130	LAILG-NGA 130-4	11/26/2008	nd	407.5	nd	nd	180.5	nd	nd	1.5 ^{J,EB}	70.0	2.1 ^{FB}	1,096.2	nd	nd	nd
NGA # 150	LAILG-NGA 150-3	11/26/2008	nd	8,031.3	nd	nd	nd	nd	3.2	6.4	2,238.7	10.9 ^{FB}	780.0	nd	nd	nd
NGA # 25	LAILG-NGA 25-1	11/26/2008	nd	nd	30.1	12.3	0.7 ^{J,EB}	nd	nd	nd	nd	89.6 ^{FB}	nd	nd	nd	nd
NGA # 150	LAILG-NGA 150-4	12/15/2008	nd	82,902.4	66.3	51.9	34.1	nd	8.4	9.3	6,642.4	nd	2,116.6	nd	nd	nd
NGA # 124	LAILG-NGA 124-5	12/15/2008	nd	17,280.2	220.1	nd	346.4	95.7	0.5 ^J	1.4 ^{J,EB}	1,234.8	3.9 ^{EB,FB}	98.3	nd	nd	nd
NGA # 189	LAILG-NGA 189-2	12/15/2008	nd	nd	nd	nd	0.7 ^J	nd	nd	1.0 ^{J,EB}	4.4 ^{EB,FB}	nd	nd	nd	nd	nd
NGA # 110	LAILG-NGA 110-2	12/15/2008	nd	55.2	nd	nd	nd	nd	nd	0.5 ^{J,EB}	11.5 ^{EB,FB}	nd	nd	nd	nd	nd
NGA # 31	LAILG-NGA 31-3	12/15/2008	nd	nd	nd	nd	48.5	nd	nd	0.9 ^{J,EB}	nd	3.2 ^{EB,FB}	nd	nd	nd	nd
NGA # 184	LAILG-NGA 184-2	12/15/2008	nd	26.2	nd	nd	nd	nd	0.5 ^J	2.0 ^{EB}	nd	2.0 ^{EB,FB}	nd	nd	nd	nd
NGA # 130	LAILG-NGA 130-5	12/15/2008	nd	101.8	nd	nd	35.6	nd	nd	nd	28.8	nd	210.7	nd	nd	nd
NGA # 178	LAILG-NGA 178-1	12/15/2008	nd	nd ^{Q3}	nd	nd	1.4 ^J	nd ^{Q3}	0.8 ^J	1.0 ^{J,EB}	nd ^{Q3}	1.7 ^{J,EB,FB}	nd	nd ^{M4}	nd ^{M4}	nd ^{M4}
Duplicate	LAILG-NGA-DUP	12/15/2008	nd	nd	nd	nd	1.1 ^J	nd	0.6 ^J	1 ^{J,EB}	3.0 ^{EB,FB}	nd	nd	nd	nd	nd
NGA # 64	LAILG-NGA 64-2	12/15/2008	nd	81.3	nd	nd	26.9	nd	1.8 ^J	nd	nd	nd	nd	nd	nd	nd
NGA # 168	LAILG-NGA 168-5	12/15/2008	nd	1,333.2	31.9	nd	0.8 ^J	nd	nd	nd	9.3 ^{EB,FB}	0.7 ^{J,EB,FB}	nd	nd	nd	nd
NGA # 4	LAILG-NGA 4-4	12/15/2008	nd	311.5	133.6	133.6	93,137.5	452.3	3.6	nd	1,547	44.5	824.4	nd	nd	nd
CWIL Limits			nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl ⁽¹⁾	nl	nl	nl

MDL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5	0.5	5
RL	2	2	2	2	2	2	2	2	2.0	2	25	2	25

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimate

CWIL	Conditional waiver for irrigated lands, order #R4-2005-0080	M4	Spike or surrogate compound recovery was out of control due to matrix interference. The associated method blank spike or surrogate compound was in control and therefore the sample data was reported without further clarification.
EB	estimated concentration, constituent detected at greater than 10% in equipment blank	Q1	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration
FD	estimated concentration. Field Duplicate RPD >25%.	Q2	The sample RPD was out of control. Sample is heterogeneous and sample homogeneity could not be readily achieved using routine laboratory practices.
nl	not listed	Q3	RPD values are not accurate and not applicable because the results for R1 and/or R2 are lower than ten times the MDL.
nd	not detected		
J	estimated concentration, results above MDL but below RL		
(1)	Although no discharge limits were set in the CWIL, the US EPA has set an aquatic life benchmark for this constituent. See Table 7		

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
PYRETHROID PESTICIDES
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Pyrethroid Pesticides												
			Allethrin	Bifenthrin	Cyfluthrin	Cypermethrin	Danitol	Deltamethrin	Esfenvalerate	Fenvalerate	Fluvalinate	L-Cyhalothrin	Permethrin	Prallethrin	Resmethrin
NGA #130	NGA-#130-LAILG-1	8/6/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #183	NGA-#183-LAILG-1	8/6/2007	nd	21 ^J	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #19	NGA-#19-LAILG-1	8/13/2007	nd	13.7 ^J	24.2 ^J	nd	465.5	nd	nd	nd	5 ^J	nd	444.9	nd	nd
NGA #124	NGA-#124-LAILG-1	8/13/2007	nd	62.2	nd	nd	74.7	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168	NGA-#168-LAILG-1	8/13/2007	nd	1348.2	19.8 ^J	nd	nd	nd	nd	nd	nd	11.1 ^J	nd	nd	nd
NGA BLANK	NGA LAILG-BLANK-1	8/13/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA FBI	NGA-LAILG-FBI	8/21/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA EQBLI	NGA-LAILG-EQBLI	8/21/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #150	NGA-#150-LAILG	9/25/2007	nd	19,426.6	153.4	nd	nd	nd	nd	nd	515.2	nd	5,208.8	nd	nd
NGA #183	ILG-#183	9/26/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #183-DUP	ILGNGA-#Dup	9/26/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #EQUIP	ILGNGA-#Equip	9/26/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #FIELD	ILGNGA-#FIELD-2	9/28/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168-2	ILGNGA-#168-2	9/28/2007	nd	964	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #168	NGA-#168-LAILG-3	11/30/2007	nd	nd	1.4 ^J	1.6 ^J	463.1	nd	nd	nd	nd	nd	nd	nd	na
NGA #182	NGA #182-LAILG-1	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	na
NGA #182-DUP	NGA-Duplicate	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	na
NGA #4	NGA #4-LAILG-1	12/7/2007	nd	10.7	30.6	nd	1,940.5	69	nd	nd	1.6 ^J	55.1	nd	nd	na
NGA #130	NGA #130-LAILG-2	12/7/2007	nd	944.6	14.2	nd	73.5	nd	nd	nd	33.5	nd	327.3	nd	na
NGA #150	NGA #150-LAILG-2	12/7/2007	nd	1,566.7	nd	nd	nd	nd	nd	nd	17.9	nd	237.8	nd	na
NGA #124	NGA-#124-LAILG-2	12/7/2007	nd	3,083.4	183.8	nd	150.5	180.3	nd	nd	32.3	3.1	70.9	nd	na
NGA #EQUIP	NGA-equip blank	12/7/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #FIELD	Field Blank-2	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
NGA #176	NGA-#176-LAILG-1	12/18/2007	nd	870.5	nd	nd	3.4	nd	nd	nd	nd	nd	nd	nd	na
NGA #183	LAILG-NGA#183-3	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	na
NGA #19	LAILG-NGA#19-2	12/18/2007	nd	nd	11.5	nd	449.5	nd	nd	nd	6.6	nd	1,346.4	nd	na
NGA #13	LAILG-NGA#13-1	12/18/2007	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	na
NGA #53	LAILG-NGA#53-1	12/18/2007	nd	8	nd	nd	nd	nd	nd	nd	nd	nd	nd	3.5	na
CWIL Limits			nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl	nl
MDL			0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
RL			2	2	2	2	2	2	2	2	2	2	2	2	2

Concentrations are reported in nanograms per liter (ng/L). Results above CWIL Limits are presented in BOLD. Footnotes in BOLD indicate estimated concentration. All other footnotes are for reference purposes; data was not deemed to be qualified as estimate.

CWIL Conditional waiver for irrigated lands, order #R4-2005-0080
na not analyzed
J estimated concentration, results above MDL but below RL

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 3 INTERIM
TOXICITY RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Ceriodaphnia		Fathead Minnow		Selenastrum	TIE	
			Survival	Reproduction	Survival	Growth	Growth	Date	Result
NGA #124	LAILG-NGA-124-10	11/29/2018	100.00%	N	**	**	**		
NGA #158	LAILG-NGA-158-2	11/29/2018	100.00%	N	**	**	**		
NGA #178	LAILG-NGA-178-5	11/29/2018	100.00%	N	**	**	**		
NGA #202	LAILG-NGA-202-3	11/29/2018	100.00%	N	**	**	**		
NGA #4	LAILG-NGA-4-10	1/14/2019	0.00%	Y	**	**	**		
NGA #19	LAILG-NGA-19-10	1/14/2019	100.00%	N	**	**	**		
NGA #64	LAILG-NGA-64-6	1/14/2019	100.00%	N	**	**	**		
NGA #168	LAILG-NGA-168-10	1/14/2019	100.00%	N	**	**	**		

** not analyzed, not most sensitive species
Y significantly different from control group
N no significant difference between control group
P partial toxicity. Toxicity high enough to exhibit effects, but not significant enough to initiate a succesful TIE (Typically needs a TUc of greater than 2).
NR not required

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 2 INTERIM
TOXICITY RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Ceriodaphnia		Fathead Minnow		Selenastrum	TIE	
			Survival	Reproduction	Survival	Growth	Growth	Date	Result
NGA #124	LAILG-NGA-124-9	1/9/2018	100.00%	N	**	**	**		
NGA #178	LAILG-NGA-178-4	1/9/2018	100.00%	N	**	**	**		
NGA #184	LAILG-NGA-184-4	1/9/2018	100.00%	N	**	**	**		
NGA #202	LAILG-NGA-202-2	1/9/2018	100.00%	N	**	**	**		
NGA #4	LAILG-NGA-4-9	3/22/2018	0.00%	Y	**	**	**		
NGA #19	LAILG-NGA-19-9	3/22/2018	100.00%	N	**	**	**		
NGA #64	LAILG-NGA-64-5	3/22/2018	80.00%	N	**	**	**		
NGA #168	LAILG-NGA-168-9	3/22/2018	100.00%	N	**	**	**		

** not analyzed, not most sensitive species
Y significantly different from control group
N no significant difference between control group
P partial toxicity. Toxicity high enough to exhibit effects, but not significant enough to initiate a succesful TIE (Typically needs a TUc of greater than 2).
NR not required

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 1 INTERIM
TOXICITY RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample #	Date	Ceriodaphnia		Fathead Minnow		Selenastrum	TIE	
			Survival	Reproduction	Survival	Growth	Growth	Date	Result
NGA #4	LAILG-NGA-4-8	1/20/2017	0.00%	Y	21.60%	Y	Y	2/15/2017	Suspended solids or particle bound toxicants
NGA #19	LAILG-NGA-19-8	1/20/2017	100.00%	N	100.00%	N	N		
NGA #176	LAILG-NGA-176-3	1/20/2017	100.00%	N	100.00%	N	N		
NGA #124	LAILG-NGA-124-8	2/17/2017	100.00%	N	100.00%	N	P		
NGA #150	LAILG-NGA-150-7	2/17/2017	0.00%	Y	100.00%	N	P		
NGA #158	LAILG-NGA-158-1	2/17/2017	100.00%	N	100.00%	N	P		
NGA #178	LAILG-NGA-178-3	2/17/2017	100.00%	N	100.00%	N	N		
NGA #202	LAILG-NGA- 202-1	2/17/2017	100.00%	N	100.00%	N	P		

Y significantly different from control group
N no significant difference between control group
P partial toxicity. Toxicity high enough to exhibit effects, but not significant enough to initiate a successful TIE (Typically needs a TUC of greater than 2).
NR not required

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 5 CONTINUATION
TOXICITY RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Ceriodaphnia		Fathead Minnow		Selenastrum	TIE	
			Survival	Reproduction	Survival	Growth	Growth	Date	Result
NGA #64	LAILG-NGA-64-4	1/5/2016	100.00%	N	100.00%	N	N		
NGA #168	LAILG-NGA-168-8	1/5/2016	100.00%	N	100.00%	N	Y		No TIE, IC50 > 50% for Selenastrum (75.35%)

Y significantly different from control group
N no significant difference between control group
P partial toxicity. Toxicity high enough to exhibit effects, but not significant enough to initiate a succesful TIE (Typically needs a TUc of greater than 2).
NR not required

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 4
TOXICITY RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Ceriodaphnia		Fathead Minnow		Selenastrum	TIE	
			Survival	Reproduction	Survival	Growth	Growth	Date	Result
NGA #150	LAILG-NGA-150-6	12/2/2014	100.00%	P	100.00%	N	Y		No TIE, IC50 > 50% for Selenastrum (>100%)
NGA #188	LAILG-NGA-188-1	12/2/2014	100.00%	N	100.00%	N	N		
NGA #168	LAILG-NGA-168-7	5/15/2015	100.00%	N	100.00%	N	N		

Y significantly different from control group
N no significant difference between control group
P partial toxicity. Toxicity high enough to exhibit effects, but not significant enough to initiate a succesful TIE (Typically needs a TUc of greater than 2).
NR not required

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 3
TOXICITY RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Ceriodaphnia		Fathead Minnow		Selenastrum	TIE	
			Survival	Reproduction	Survival	Growth	Growth	Date	Result
NGA #19	LAILG-NGA19-7	2/28/2014	100.00%	N	100.00%	N	Y		No TIE, IC50 > 50% for Selenastrum (87.03%)
NGA #26	LAILG-NGA26-1	2/28/2014	100.00%	N	100.00%	N	N		
NGA #124	LAILG-NGA124-7	2/28/2014	100.00%	N	100.00%	N	Y		No TIE, IC50 > 50% for Selenastrum (>100%)
NGA #178	LAILG-NGA178-2	2/28/2014	100.00%	N	100.00%	N	Y		No TIE, IC50 > 50% for Selenastrum (97.98%)
NGA #184	LAILG-NGA184-3	2/28/2014	100.00%	N	100.00%	N	Y		No TIE, IC50 > 50% for Selenastrum (>100%)

Y significantly different from control group
N no significant difference between control group
P partial toxicity. Toxicity high enough to exhibit effects, but not significant enough to initiate a succesful TIE (Typically needs a TUC of greater than 2).
NR not required

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 1
TOXICITY RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Ceriodaphnia		Fathead Minnow		Selenastrum	TIE	
			Survival	Reproduction	Survival	Growth	Growth	Date	Result
NGA #4	LAILG-NGA4-5	3/21/2011	0.00%	Y	15.00%	Y	Y	3/27/2012	Non-polar organics and organophosphates
NGA #124	LAILG-NGA124-6	3/21/2011	90.00%	N	100.00%	N	N		
NGA # 150	LAILG-NGA 150-5	3/21/2011	100.00%	N	100.00%	N	Y	3/27/2012	Organophosphates
NGA #19	LAILG-NGA19-6	3/23/2011	100.00%	Y	0.00%	Y	Y	3/27/2012	TIE was initiated, did not show an observed effect
NGA #168	LAILG-NGA168-6	3/17/2012	100.00%	N	95.00%	N	N		
NGA #31	LAILG-NGA31-4	3/17/2012	70.00%	Y	90.00%	N	Y	3/24/2012	Non-polar organic compounds and metals
NGA #162	LAILG-NGA162-1	3/17/2012	100.00%	N	96.67%	N	N		
NGA #64	LAILG-NGA64-3	3/17/2012	90.00%	N	100.00%	N	N		

Y significantly different from control group
N no significant difference between control group
P partial toxicity. Toxicity high enough to exhibit effects, but not significant enough to initiate a successful TIE (Typically needs a TUC of greater than 2).
NR not required

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
TOXICITY RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Ceriodaphnia		Fathead Minnow		Selenastrum	TIE		
			Survival	Reproduction	Survival	Growth	Growth	Date	Result	
NGA #110	LAILG-NGA110-1	1/4/2008	90.00%	N	80.00%	N	N			
NGA #189	LAILG-NGA189-1	1/4/2008	100.00%	N	91.67%	N	Y			
NGA #19	LAILG-NGA19-3	1/5/2008	TIE initiated based in results from sample LAILG-NGA#19-2					1/8/2008	TIE was initiated, did not show an observed effect	
NGA #124	LAILG-NGA124-3	1/5/2008	TIE initiated based in results from sample NGA #124-LAILG-2					1/8/2008	TIE was initiated, did not show an observed effect	
NGA #4	LAILG-NGA4-2	1/23/2008	TIE initiated based in results from sample NGA #4-LAILG-1					1/24/2008	Non-polar organic compounds	
NGA #53	LAILG-NGA53-2	1/23/2008	TIE initiated based in results from sample NGA #53-LAILG-1					1/24/2008	TIE was initiated, did not show an observed effect	
NGA #64	LAILG-NGA64-1	1/23/2008	100.00%	Y	91.67%	N	N			
NGA #182	LAILG-NGA182-2	1/23/2008	TIE initiated based in results from sample NGA #182-LAILG-1					1/24/2008	TIE was initiated, did not show an observed effect	
NGA #19	LAILG-NGA 19-4	8/12/2008	90.00%	N	NR		NR			
NGA # 4	LAILG-NGA 4-3	8/13/2008	0.00%	Y	NR		NR	8/26/2008	Non-polar organics and particulate-bound toxicants	
NGA # 31	LAILG-NGA 31-1	9/23/2008	20.00%	Y	NR		NR			
NGA # 19	LAILG-NGA19-5	11/26/2008	70.00%	Y	NR		NR			
NGA # 210	LAILG-NGA 210-1	11/26/2008	90.00%	P	98.33%	N	N			
NGA # 184	LAILG-NGA 184-1	11/26/2008	80.00%	P	100.00%	N	N			
NGA # 124	LAILG-NGA 124-4	11/26/2008	0.00%	Y	NR		NR	12/9/2008	Volatile compounds	
NGA #31	LAILG-NGA 31-2	11/26/2008	80.00%	N	98.33%	N	P			
NGA # 130	LAILG-NGA 130-4	11/26/2008	NR		NR		N			
NGA # 150	LAILG-NGA 150-3	11/26/2008	NR		NR		P			
NGA # 25	LAILG-NGA 25-1	11/26/2008	80.00%	Y	100.00%	N	N			
NGA # 124	LAILG-NGA 124-5	12/15/2008	0.00%	Y	NR		NR	12/16/2008	TIE was initiated, did not show an observed effect	
NGA # 189	LAILG-NGA 189-2	12/15/2008	NR		NR		Y	1/15/2009	Particulate Bound toxicants and OP compounds	
NGA # 110	LAILG-NGA 110-2	12/15/2008	90.00%	N	NR		NR			
NGA # 178	LAILG-NGA 178-1	12/15/2008	100.00%	N	100.00%	N	N			
NGA # 64	LAILG-NGA 64-2	12/15/2008	90.00%	P	NR		NR			
NGA # 168	LAILG-NGA 168-5	12/15/2008	90.00%	P	NR		NR			
NGA # 4	LAILG-NGA 4-4	12/15/2008	0.00%	Y	NR		NR	12/16/2008	Metals,copper,cadmium,zink,manganese,lead,and nickle	

Y significantly different from control group
N no significant difference between control group
P partial toxicity. Toxicity high enough to exhibit effects, but not significant enough to initiate a succesful TIE (Typically needs a Tuc of greater than 2).
NR not required

SUMMARY OF HISTORICAL SAMPLES COLLECTED UNDER CWIL ORDER R4-2005-0080
TOXICITY RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample #	Date	Ceriodaphnia		Fathead Minnow		Selenastrum	TIE	
			Survival	Reproduction	Survival	Growth	Growth	Date	Result
NGA #130	NGA-#130-LAILG-1	8/6/2007	100.00%	N	93.33%	N	Y	ns	
NGA #183	NGA-#183-LAILG-1	8/6/2007	100.00%	N	93.33%	N	N		
NGA #19	NGA-#19-LAILG-1	8/13/2007	80.00%	N	98.30%	N	N		
NGA #124	NGA-#124-LAILG-1	8/13/2007	100.00%	N	98.30%	N	N		
NGA #168	NGA-#168-LAILG-1	8/13/2007	0.00%	Y	98.30%	N	Y	9/28/2008	100% survival
NGA #150	NGA-#150-LAILG	9/25/2007	0.00%	Y	98.33%	N	Y	ns	
NGA #168	NGA-#168-LAILG-3	11/30/2007	100.00%	N	100.00%	N	N		
NGA #182	NGA #182-LAILG-1	12/7/2007	0.00%	Y	98.33%	N	Y	ns	
NGA #4	NGA #4-LAILG-1	12/7/2007	0.00%	Y	40.00%	Y	Y	ns	
NGA #130	NGA #130-LAILG-2	12/7/2007	100.00%	N	98.33%	N	N		
NGA #150	NGA #150-LAILG-2	12/7/2007	100.00%	N	98.33%	N	Y	ns	
NGA #124	NGA-#124-LAILG-2	12/7/2007	0.00%	Y	100.00%	N	Y	ns	
NGA #176	NGA-#176-LAILG-1	12/18/2007	100.00%	N	100.00%	N	N		
NGA #183	LAILG-NGA#183-3	12/18/2007	100.00%	N	100.00%	N	N		
NGA #19	LAILG-NGA#19-2	12/18/2007	50.00%	Y	100.00%	N	N	ns	
NGA #13	LAILG-NGA#13-1	12/18/2007	10.00%	Y	21.67%	Y	N	ns	
NGA #53	LAILG-NGA#53-1	12/18/2007	100.00%	N	81.67%	N	N		

Y Significantly different from control group
N No significant difference between control group
ns not enough runoff for follow up sample

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 1
FIELD MONITORING RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample ID	Date	Sample Type	Time (24hr)	*Approximate Flow Cross Section (ft ²)	Flow (ft/s)	Temperature (°C)	pH	E.C. (uS)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
NGA #4	LAILG-NGA#4-5	3/21/2011	Bucket	10:40	0.1250	0.01	11.0	9.81	43	na*	85
				10:44		0.01	11.1	9.64	25	na*	181
				10:50		0.01	11.2	9.29	25	na*	197
NGA #124	LAILG-NGA#124-6	3/21/2011	Bucket	8:00	nm	9	10.4	7.89	292	na*	54.9
				8:05		11	10.5	7.82	282	na*	49.7
				8:10		13	10.5	7.87	268	na*	16.8
NGA #150	LAILG-NGA#150-5	3/21/2011	Bucket	10:47	0.0185	4	15.4	6.70	1170	na*	34.7
				10:49		4	16.0	6.61	1127	na*	33.7
				10:50		5	15.9	6.59	1163	na*	38.0
NGA #19	LAILG-NGA#19-6	3/23/2011	Grab	16:58	nm	nm	13.9	8.88	1.32	na*	999
				17:00		nm	14.2	8.83	1.05	na*	999
				17:02		nm	12.6	8.87	1.19	na*	999
NGA #31	LAILG-NGA#31-4	3/17/2012	Grab	14:30	0.6042	0.88	13.83	7.73	99.9	9.33	220
				14:34		0.84	13.63	7.75	99.9	8.77	174
				14:38		0.94	13.44	7.95	98.6	8.51	181
NGA #64	LAILG-NGA#64-3	3/17/2012	Grab	9:50	0.0833	1.3	14.7	5.5	14.3	10.48	352
				9:53		1.2	14.5	4.9	9.4	10.58	623
				9:58		1.3	14.5	5.2	4.2	10.43	179
NGA #162	LAILG-NGA#162-1	3/17/2012	Grab	13:00	nm	nm	13.37	6.94	66.2	10.67	3.3
				13:02		nm	13.42	7.24	65.9	10.33	1.6
				13:05		nm	13.32	7.46	66.1	9.93	1.2
NGA #168	LAILG-NGA#168-6	3/17/2012	Grab	11:15	0.0556	0.71	13.78	6.1	84.5	10.68	>800
				11:18		0.52	13.83	6.8	85.9	10.05	>800
				11:21		0.71	13.77	7.1	82.2	9.62	>800
NGA #4	LAILG-NGA#4-6	3/25/2012	Pump	12:50	No flow measurements due to access restrictions		16.21	5.63	43.7	8.52	44.9
				12:52			16.31	5.74	39.3	8.58	35.7
				12:54			15.95	5.89	37.1	8.89	42.9

* Runoff streams were assumed to have a parabolic shape unless field measurements indicated otherwise. The cross sectional area of a parabola is 2/3*width*depth.
ft/s feet per second
°C degrees celcius
uS microsiemens
na* Not analyzed, DO meter was not functioning properly at the time of field sampling
mg/L milligrams per liter
NTU Nephelometric Turbidity Units

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 1
FIELD MONITORING RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample ID	Date	Sample Type	Time (24hr)	*Approximate Flow Cross Section (ft ²)	Flow (ft/s)	Temperature (°C)	pH	E.C. (uS)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
NGA #170	LAILG-NGA#170-1	3/25/2012	Grab	14:35	nm	nm	13.81	6.18	25.8	10.59	512
				14:37		nm	13.98	6.32	22.1	10.23	452
				14:40		nm	13.73	6.27	19.8	10.31	446
NGA #176	LAILG-NGA#176-2	3/25/2012	Grab	15:15	nm	nm	13.17	6.49	39.7	10.69	>800
				15:17		nm	13.16	6.63	38.4	10.41	>800
				15:21		nm	12.73	6.44	40.2	10.69	>800
NGA #210	LAILG-NGA#210-2	3/25/2012	Grab	17:45	nm	nm	13.21	7.22	0.129	10.55	5.8
				17:47		nm	13.35	7.75	0.130	10.40	3.8
				17:50		nm	13.88	7.93	0.133	10.24	5.5

* Runoff streams were assumed to have a parabolic shape unless field measurements indicated otherwise. The cross sectional area of a parabola is 2/3*width*depth.
ft/s feet per second mg/L milligrams per liter
°C degrees celsius NTU Nephelometric Turbidity Units
uS microsiemens nm not monitored

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 3
FIELD MONITORING RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample ID	Date	Sample Type	Time (24hr)	*Approximate Flow Cross Section (ft ²)	Flow (ft/s)	Temperature (°C)	pH	E.C. (uS)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
NGA #19	LAILG-NGA19-7	2/28/2014	Bucket	6:11	nm	nm	12.4	7.92	1114	9.08	815
				6:12		nm	12.3	7.98	1152	9.52	820
				6:13		nm	12.4	7.87	1112	9.61	810
NGA #26	LAILG-NGA26-1	2/28/2014	Bucket	9:01	nm	nm	14.8	7.77	1081	7.84	212
				9:02		nm	14.7	7.82	1057	7.95	225
				9:03		nm	14.7	7.83	1072	7.88	220
NGA #124	LAILG-NGA124-7	2/28/2014	Bucket	11:22	nm	nm	14.7	7.65	894	9.10	475
				11:23		nm	14.6	7.50	910	9.01	450
				11:24		nm	14.7	7.51	915	8.80	482
NGA #178	LAILG-NGA178-2	2/28/2014	Bucket	10:00	nm	nm	15.0	7.88	928	10.15	468
				10:01		nm	14.9	7.92	952	10.28	472
				10:02		nm	15.0	7.81	943	10.21	490
NGA #184	LAILG-NGA184-3	2/28/2014	Bucket	7:10	nm	nm	14.7	8.01	1213	8.11	512
				7:11		nm	14.6	8.10	1219	8.23	552
				7:12		nm	14.6	7.93	1242	8.15	495

* Runoff streams were assumed to have a parabolic shape unless field measurements indicated otherwise. The cross sectional area of a parabola is 2/3*width*depth.
ft/s feet per second mg/L milligrams per liter
°C degrees celsius NTU Nephelometric Turbidity Units
uS microsiemens
na* Not analyzed, DO meter was not functioning properly at the time of field sampling

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 4
FIELD MONITORING RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample ID	Date	Sample Type	Time (24hr)	*Approximate Flow Cross Section (ft ²)	Flow (ft/s)	Temperature (°C)	pH	E.C. (uS)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
NGA #150	LAILG-NGA150-6	12/2/2014	Grab	8:00	nm	nm	14.8	9.31	460	9.40	150
				8:15		nm	14.8	9.50	450	9.30	130
				8:20		nm	14.9	8.94	440	10.50	180
NGA #168	LAILG-NGA168-7	5/15/2015	Bucket	11:20	nm	nm	16.6	7.35	663	9.87	76
				11:22		nm	16.5	7.44	651	9.47	90
				11:23		nm	16.4	7.5	689	9.72	102
NGA #188	LAILG-NGA188-1	12/2/2014	Grab	13:55	nm	nm	13.9	8.83	399	8.00	900
				14:05		nm	14.1	8.70	382	7.80	800
				14:10		nm	14.1	8.56	393	8.50	630

* Runoff streams were assumed to have a parabolic shape unless field measurements indicated otherwise. The cross sectional area of a parabola is 2/3*width*depth.
ft/s feet per second mg/L milligrams per liter
°C degrees celcius NTU Nephelometric Turbidity Units
uS microsiemens
na* Not analyzed, DO meter was not functioning properly at the time of field sampling

SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2010-0186 YEAR 5 CONTINUATION
FIELD MONITORING RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP

Site	Sample ID	Date	Sample Type	Time (24hr)	*Approximate Flow Cross Section (ft ²)	Flow (ft/s)	Temperature (°C)	pH	E.C. (uS)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
NGA #64	LAILG-NGA-64-4	1/15/2016	Bucket	8:30	nm	nm	13.2	9.00	85	13.00	58
				8:40		nm	13.0	8.80	63	12.62	66
				8:42		nm	12.9	8.27	80	12.37	113
NGA #168	LAILG-NGA168-8	1/15/2016	Bucket	9:15	nm	nm	12.59	8.12	568	12.93	244
				9:45		nm	12.53	8.14	603	12.49	286
				9:47		nm	12.42	7.96	646	12.62	288

* Runoff streams were assumed to have a parabolic shape unless field measurements indicated otherwise. The cross sectional area of a parabola is $2/3 \times \text{width} \times \text{depth}$.

ft/s feet per second mg/L milligrams per liter

°C degrees celcius NTU Nephelometric Turbidity Units

uS microsiemens

na* Not analyzed, DO meter was not functioning properly at the time of field sampling

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 1 INTERIM
FIELD MONITORING RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample ID	Date	Sample Type	Time (24hr)	*Approximate Flow Cross Section (ft ²)	Flow (ft/s)	Temperature (°C)	pH	E.C. (uS)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
NGA #4	LAILG-NGA-4-8	1/20/2017	Bucket	13:45	nm	nm	13.76	8.37	76	5.67	35.9
				14:05		nm	13.99	7.66	57	8.34	31.8
				nm		nm	nm	nm	nm	nm	
NG#19	LAILG-NGA19-8	1/20/2017	Bucket	8:03	nm	nm	7.56	9.01	884	8.08	1000
				8:25		nm	7.54	9.06	882	8.08	1000
				8:40		nm	8.24	8.12	741	6.19	1000
NGA#176	LAILG-NGA-176-3	1/20/2017	Bucket	12:00	nm	nm	10.69	8.54	123	13.93	641
				12:30		nm	11.31	8.07	159	7.51	738
				nm		nm	nm	nm	nm	nm	
NGA #124	LAILG-NGA-124-8	2/17/2017	Bucket	14:45	est. 10 gal/sec		12.97	7.92	209	14.88	847
				14:50			12.96	8.16	431	17.56	825
				14:55			12.98	7.98	309	18.91	832
NGA #150	LAILG-NGA150-7	2/17/2017	Bucket	16:10	nm	nm	12.99	7.53	325	6.44	70.1
				16:15		nm	13.03	7.44	324	8.84	48.4
				16:20		nm	13.04	7.34	267	10.31	42.6
NGA #158	LAILG-NGA-158-1	2/17/2017	Bucket	14:03	est. 1 gal/sec		12.45	8.76	413	13.21	70.9
				14:13			12.98	8.14	73	21.37	51.8
				14:27			12.84	8.09	213	18.64	46.4
NGA #178	LAILG-NGA178-3	2/17/2017	Bucket	12:40	est. 1 gal/sec		11.97	8.25	893	na	1000+
				12:43			11.99	8.12	903	na	1000+
				12:48			11.98	8.06	894	na	1000+
NGA #202	LAILG-NGA202-1	2/17/2017	Bucket	15:10	est. 15 gal/sec		12.86	8.18	131	12.93	122
				15:15			12.85	8.17	129	12.80	116
				15:20			12.85	8.14	127	10.01	108

* Runoff streams were assumed to have a parabolic shape unless field measurements indicated otherwise. The cross sectional area of a parabola is $2/3 * \text{width} * \text{depth}$.
ft/s feet per second mg/L milligrams per liter
°C degrees celcius NTU Nephelometric Turbidity Units
uS microsiemens
na* Not analyzed, DO meter was not functioning properly at the time of field sampling

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 2 INTERIM
FIELD MONITORING RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample ID	Date	Sample Type	Time (24hr)	*Approximate Flow Cross Section (ft ²)	Flow (ft/s)	Temperature (°C)	pH	E.C. (uS)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
NGA #124	LAILG-NGA-124-9	1/9/2018	Bucket	8:30	18"	2.00	13.74	7.77	1130	30.30	339
				8:35		2.00	13.75	7.80	1190	nm	325
				8:40		2.00	13.75	7.80	1200	nm	330
NG#178	LAILG-NGA-178-4	1/9/2018	Bucket	6:45	20"	2.00	12.02	8.07	743	31.07	1000+
				6:50		2.00	12.00	8.15	750	nm	1000+
				6:55		2.00	12.00	8.10	750	nm	1000+
NG#184	LAILG-NGA-184-4	1/9/2018	Bucket	5:35	est. 3 gal/sec		11.75	7.89	399	27.23	1000+
				5:40			11.80	7.75	398	nm	1000+
				5:45			11.79	7.79	395	nm	1000+
NGA#202	LAILG-NGA-202-2	1/9/2018	Bucket	11:30	6"	0.25	16.06	8.36	431	20.61	230
				11:35		0.25	16.10	8.30	425	nm	169
				1:40		0.25	16.11	8.40	430	nm	175
NGA #4	LAILG-NGA-4-9	3/22/2018	Bucket	11:00	24"	1.00	15.86	7.76	56	17.89	220
				11:05		1.00	15.99	7.76	55	17.38	206
				11:10		1.00	16.16	7.85	51	16.19	192
NGA #19	LAILG-NGA-19-9	3/22/2018	Bucket	8:10	10"	2.00	14.05	6.88	1310	31.18	743
				8:15		2.00	14.08	6.89	1320	31.17	738
				8:20		2.00	14.12	6.89	1300	31.15	732
NGA #64	LAILG-NGA-64-5	3/22/2018	Bucket	11:45	12"	0.50	17.46	8.80	84	24.32	43.9
				11:50		0.50	18.11	9.13	57	15.87	25.8
				11:55		0.50	18.09	9.17	70	15.79	59.6
NGA #168	LAILG-NGA-168-9	3/22/2018	Bucket	13:00	4"	0.50	16.87	9.17	674	17.76	92.7
				13:05		0.50	16.84	9.24	680	16.89	90.1
				13:10		0.50	16.80	9.27	679	16.23	84.3

* Runoff streams were assumed to have a parabolic shape unless field measurements indicated otherwise. The cross sectional area of a parabola is $2/3 * \text{width} * \text{depth}$.
ft/s feet per second mg/L milligrams per liter
°C degrees celcius NTU Nephelometric Turbidity Units
uS microsiemens
na* Not analyzed, DO meter was not functioning properly at the time of field sampling

**SUMMARY OF SAMPLES COLLECTED - CWIL ORDER R4-2016-0143 YEAR 2 INTERIM
FIELD MONITORING RESULTS
NURSERY GROWERS ASSOCIATION
LOS ANGELES IRRIGATED LANDS GROUP**

Site	Sample ID	Date	Sample Type	Time (24hr)	*Approximate Flow Cross Section (ft ²)	Flow (ft/s)	Temperature (°C)	pH	E.C. (uS)	Dissolved Oxygen (mg/L)	Turbidity (NTU)
NGA #124	LAILG-NGA-124-10	11/29/2018	Bucket	7:25	0.5000	2.00	14.90	7.50	nm	nm	82.2
				7:30		2.00	14.90	7.63	nm	nm	94.4
				7:35		2.00	14.90	7.59	nm	nm	92.0
NG#158	LAILG-NGA-178-5	11/29/2018	Bucket	8:20	0.0116	0.50	14.90	7.40	nm	nm	105
				8:25		0.50	14.90	7.50	nm	nm	108
				8:30		0.50	14.90	7.55	nm	nm	99
NG#178	LAILG-NGA-178-5	11/29/2018	Bucket	5:55	0.0139	1.00	14.10	7.60	nm	nm	61.2
				6:00		1.00	14.10	7.95	nm	nm	63.5
				6:05		1.00	14.10	7.51	nm	nm	67.5
NGA#202	LAILG-NGA-202-3	11/29/2018	Bucket	10:35	0.0556	2.00	15.80	7.62	nm	nm	85.0
				10:40		2.00	15.80	7.74	nm	nm	86.5
				10:45		2.00	15.80	7.76	nm	nm	82.0
NGA #4	LAILG-NGA-4-10	1/14/2019	Bucket	12:45	0.0556	0.50	12.40	7.10	nm	nm	23.8
				12:50		0.50	12.40	7.20	nm	nm	25.6
				12:55		0.50	12.30	7.15	nm	nm	22.0
NGA #19	LAILG-NGA-19-10	1/14/2019	Bucket	7:30	0.0218	1.00	11.90	7.46	106	nm	272
				7:33		0.75	11.90	7.43	107	nm	286
				7:38		0.50	11.80	7.40	106	nm	263
NGA #64	LAILG-NGA-64-6	1/14/2019	Bucket	12:05	0.1110	1.00	12.90	7.10	nm	nm	45.4
				12:10		1.00	12.90	6.90	nm	nm	52.4
				12:15		1.00	12.90	7.00	nm	nm	45
NGA #168	LAILG-NGA-168-10	1/14/2019	Bucket	11:00	0.0873	3.00	11.50	6.76	330	9.42	75.5
				11:05		3.00	11.50	6.85	330	9.60	72.0
				11:10		3.00	11.50	6.90	330	9.40	68.0

* Runoff streams were assumed to have a parabolic shape unless field measurements indicated otherwise. The cross sectional area of a parabola is $\frac{2}{3} \times \text{width} \times \text{depth}$.

ft/s feet per second mg/L milligrams per liter

°C degrees celcius NTU Nephelometric Turbidity Units

uS microsiemens

na* Not analyzed, DO meter was not functioning properly at the time of field sampling

APPENDIX C
GROWER OUTREACH

LOS ANGELES IRRIGATED LANDS GROUP

ONLINE WEBINAR OPPORTUNITY -- TOMORROW, MARCH 2



UCNFA Ask the Advisor: Nitrogen Management



I apologize for the short notice, but we were just notified that we can offer continuing education hours for an online webinar hosted by the University of California Nursery and Floriculture Alliance (UCNFA) and Plant California Alliance.

When: Wednesday, March 2, 2022 -- 10-11 a.m.

Where: Online - [click here to register](#)

Agenda: [Click here for more information on the webinar](#)

Details: In order to earn your continuing education credits, you'll need to complete the post-meeting survey with your company name and indicate that you're seeking LAILG continuing education units (CEUs).

As a reminder, all LAILG members need to earn 2 hours of continuing education each Water Year, so this webinar will count towards one hour for the 2021-22 Water Year.



LOS ANGELES IRRIGATED LANDS GROUP

MAY UPDATES

SAN Agrow & LAILG Webinar
May 18, 2022
9:30-11:30 a.m.



Join us for our Greenhouse & Nursery Webinar

Hosted by SAN Agrow & the Los Angeles Irrigated Lands Group

LAILG is partnering with SAN Agrow to host a webinar for the 2021-22 Water Year. By attending this two-hour seminar, you will earn your continuing education hours for the current Water Year. This webinar is also approved for continuing education units for the Department of Pesticide Regulation and Certified Crop Advisers.

Please note, if you are unable to attend the webinar, a recording will be available in the LAILG portal at a later date.

[Click here for the agenda and registration link](#)

Conditional Waiver Update

The Water Board recently approved a second extension of the Conditional Waiver that will end on December 31, 2022. Under this extension, all grower requirements remain the same (for requirements, please see the section below).

The reason for this second extension is because the Water Board is looking into shifting from conditional waivers that expire every 5 years to a more long-term option called Waste Discharge Requirements (WDR, also referred to as an Ag Order). LAILG is working with the Water Board on developing the new Ag Order because there are new requirements that will affect growers. We will update the membership as details unfold.

LAILG Compliance

Is your company compliant under the Conditional Waiver?

In order to be a member in good standing, you must:

- Pay annual invoice
- Complete the End of Waiver set of Questionnaires
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 - [Spanish](#)
- Complete online continuing education courses
 - 2020-21 Water Year
 - [2020-21 LAILG Waiver Information](#)
 - [Spanish Version](#)
 - [Water Quality 2020](#)

- The continuing education courses require logging into the [LAILG online portal](#).
- 2021-22 Water Year
 - [Register for the May 18 Webinar](#)

Please contact Ariana McCray for assistance with the portal or for any other questions.

In-Person Continuing Education Class Rescheduled



LAILG has rescheduled the in-person continuing education meeting in Carson for Wednesday, August 18, 2022. This meeting will offer continuing education hours for the 2022-23 Water Year. Mote details to come.

Wednesday, August 18, 2022

2:30-5:00 p.m.

DoubleTree by Hilton Carson

2 Civic Plaza Dr, Carson, CA 90745



Plant California Alliance General Meeting

Plant California Alliance will be hosting the General Meeting on August 18 in conjunction with the LAILG meeting.

Los Angeles Irrigated Lands Group, 1521 I St., Sacramento, CA 95814, United States, 805.668.1876

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2022-23 Invoices

Invoices have been mailed to all non-DWP accounts. If you operate more than one site and one of them is a DWP-owned site, you will receive your invoice in early August. If you have questions regarding your invoice, please contact me at 805-668-1876 or ariana@nurserygrowers.org.



2022-23 Continuing Education Meeting

We're Back!

Join us in Carson on Wednesday, August 17 for the first opportunity to earn your 2022-23 continuing education hours.

- Where: DoubleTree by Hilton Carson - 2 Civic Plaza Dr, Carson, CA 90745
- When: 2:30-5:00 p.m.

RSVP NOW!



**PLANT
CALIFORNIA
ALLIANCE**

Plant California Alliance General Meeting

After the LAILG continuing education meeting, stay for the Plant California Alliance General Meeting beginning at 5:00 p.m. This event is a great way to network with growers from around the state.

Register for Plant California Alliance General Meeting

LAILG Compliance

Is your company compliant under the Conditional Waiver?

In order to be a member in good standing, you must:

- Pay annual invoice
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LOS ANGELES IRRIGATED LANDS GROUP

AUGUST UPDATES



2022-23 Continuing Education Meeting

All members need continuing education hours for the current water year. Hours earned via the portal are for previous years. Register now!

Join us in Carson *this* Wednesday, August 17 for the first opportunity to earn your 2022-23 continuing education hours.

- Where: DoubleTree by Hilton Carson - 2 Civic Plaza Dr, Carson, CA 90745

- When: 2:30-5:00 p.m.
- Walk-ups are welcome. Get out of the heat and earn your hours!

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MARCH UPDATES

Conditional Waiver Update

We are currently operating under an extension of the 2016 Waiver that is scheduled to expire next month. The Water Board recently proposed a second extension until the end of 2022. The reason for this second extension is because the Water Board is looking into shifting from conditional waivers that expire every 5 years to a more long-term option called Waste Discharge Requirements (WDR, also referred to as an Ag Order). LAILG is working with the Water Board on developing the new Ag Order because there are new requirements that will affect growers. We will update the membership as details unfold.

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SAVE THE DATE: WEBINAR



LAILG is partnering with SAN Group to host a webinar to earn continuing education credits for the 2021-22 Water Year. Mark your calendar for Wednesday, May 18 from 9:00-10:30 a.m.

In-Person Continuing Education Class Rescheduled



LAILG has rescheduled the in-person continuing education meeting in Carson for Wednesday, August 18, 2022. This meeting will offer continuing education hours for the 2022-23 Water Year. Details to come.

Wednesday, August 18, 2022

2:30-5:00 p.m.

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2 Civic Plaza Dr, Carson, CA 90745**



Plant California Alliance General Meeting

Plant California Alliance will be hosting the General Meeting on August 18 in conjunction with the LAILG meeting.

LAILG Donates Trees to Elementary School

LAILG donated 46 trees to Carson Street Elementary STEAM Academy to help them achieve their goal of planting 100 trees for the school's 100 year anniversary. Check out the school's video announcing their final results.

[Watch Video](#)

Non-LAILG Continuing Education Opportunities

If you hold a license or certification to apply pesticides, there are several free opportunities to earn continuing education credits. **Please note, these are not approved for LAILG continuing education credits. These are for PCA, QAL, QAC and pesticide applicator certificate holders.**

- [April 1 - Chemigation - A Integrated Pest Management Tool](#)
- [UC Ag Experts Talk Webinar Series](#)

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LOS ANGELES IRRIGATED LANDS GROUP

AUGUST UPDATES



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2022-23 Invoicing Complete

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LOS ANGELES IRRIGATED LANDS GROUP

MAY UPDATES

Water Restrictions Update

Thank you to the members that replied to the last email and provided me with your water supplier. I have contacted the companies you provided and have replied back as information is dispersed.

For LADWP customers, please see the section below.

If you need assistance researching the water restrictions, please contact me at 805-668-1876 or ariana@nurserygrowers.org

LADWP Water Restrictions Information

LADWP water restrictions that go into effect June 1st, 2022 are:

Based on the last number of your street address, your watering days are as follows:

ODD: Mondays and Fridays

EVEN: Thursdays and Sundays

Water use restrictions include but are not limited to:

- **Watering with sprinklers is limited to one cycle of up to 8 minutes per station per watering day for non-conserving nozzle sprinkler systems**

(typical residential system), or two 15-minute cycles per watering day for conserving nozzle sprinkler systems.

- **ALL outdoor watering is prohibited from 9:00 a.m. to 4:00 p.m.**
- No runoff onto streets, driveways, and gutters.
- No watering of any hard surfaces such as sidewalks, walkways, driveways, or parking areas.
- **Hand watering with a self-closing shut-off nozzle on the hose is permitted any day of the week before 9:00 a.m. or after 4:00 p.m.**
- All leaks must be repaired in a timely manner.
- No washing vehicles without using a hose with a self-closing water shut-off nozzle;
- Strongly recommend washing of vehicles at commercial car wash facilities (most have water recycling system in place) .
- Strongly recommend use of pool covers to decrease evaporation

Drip irrigation supplying water to a food source is allowed every day during the same hours. A food source refers to vegetation that is considered edible, such as fruits or vegetables.

For further detail you can reach the water conservation response unit by email at wcru@ladwp.com or by calling [800-544-4498](tel:800-544-4498) and selecting option 1.

[Click here for more information](#)

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LOS ANGELES IRRIGATED LANDS GROUP

MAY UPDATES

Water Restriction Information

In an attempt to better understand the water restrictions from all the different water providers in LA County, I need your help. Please reply to this email with the name of your water district/supplier. There can be multiple suppliers in one city, so this will make it easier for me to research the restrictions on your behalf as they apply to commercial and agricultural customers.

Thank you for your help!

Ariana

[Click Here to Reply](#)

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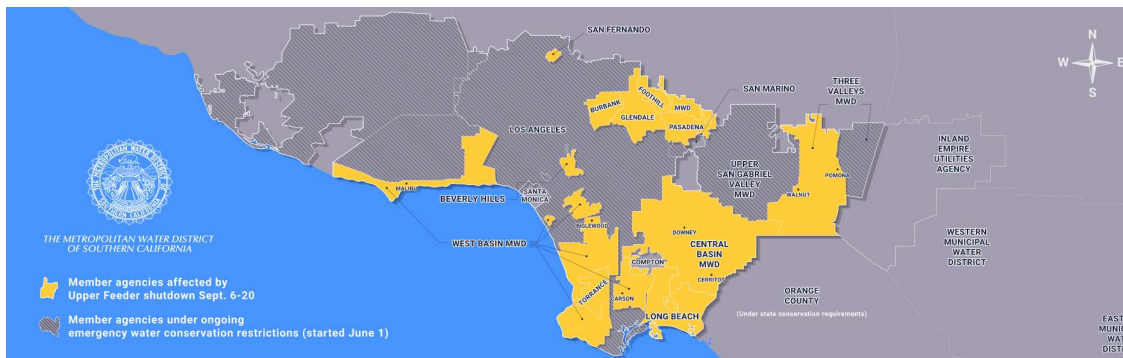
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LOS ANGELES IRRIGATED LANDS GROUP

SEPTEMBER UPDATE

Call for Water Usage Reduction



Starting Tuesday, Sept. 6, residents and businesses in portions of greater Los Angeles County are being called on to suspend outdoor watering for 15 DAYS as a critical imported water pipeline is shut down for emergency repairs. The Metropolitan Water District is joined by its member agencies and local retail water agencies in making this urgent water-saving call to maintain and stretch Southern California's severely limited water supplies while Metropolitan repairs this critical pipeline.

[Click here for more details regarding affected cities and tips during the shutdown.](#)

Given the nature of the nursery industry, it's impossible to halt all watering for 15 days, so nurseries are advised to reduce water as much as possible given the situation and current heat wave.

The following are nursery-specific tips from UC Adviser, Chris Shogren.

- Cut/ reduce fertigation
- Move smaller pots in shaded area: Smaller pots dry out faster
- Reduce spacing between pots
- Irrigate at night

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