

INDOOR AIR SAMPLING REPORT

**MARYLAND SQUARE PCE Site
3661 SOUTH MARYLAND PARKWAY
LAS VEGAS, NEVADA**

SUBMITTED TO
NEVADA DIVISION OF ENVIRONMENTAL PROTECTION
BUREAU OF CORRECTIVE ACTIONS
901 SOUTH STEWART STREET, SUITE 4001
CARSON CITY, NEVADA 89701-5249

PREPARED FOR
HERMAN KISHNER TRUST
C/O MR. TOM VANDENBERG, ESQ.
707 WILSHIRE BOULEVARD, 45TH FLOOR
LOS ANGELES, CALIFORNIA 90017

PREPARED BY



TETRA TECH

1230 Columbia Street, Suite 1000
San Diego, CA 92101

December 12, 2012

Table of Contents

1.0	INTRODUCTION	1
2.0	SELECTION OF HOMES	1
3.0	RESIDENT NOTIFICATION	2
3.1	Mailing.....	2
3.2	Response and Subsequent Contact.....	2
3.3	Final List of Residents.....	3
4.0	SAMPLING AND ANALYSIS.....	4
4.1	Sampling Round 1	5
4.2	Sampling Round 2	5
5.0	INDOOR AIR SAMPLING RESULTS.....	6
6.0	SUMMARY.....	6
7.0	REFERENCES	7

REDACTED

TABLES

3-1	Resident Notification and Response Summary	2
3-2	Final List of Residents Contacted for Sampling.....	3
4-1	Summa Canister Sampling Schedule	6
5-1	Sampling Results	

FIGURES

1-1	Maryland Square PCE Plume
2-1	Parcels Selected for Indoor Air Sampling

APPENDICES

A	Resident Notification Materials
B	Laboratory Data Packages
C	Chain of Custody Forms

1.0 INTRODUCTION

The Maryland Square Tetrachloroethene (PCE) Site is located east of the Strip in downtown Las Vegas, Nevada. The Site contains a PCE plume that extends from the location of the former Al Phillips the Cleaners (APTC), in the former Maryland Square Shopping Center at 3661 South Maryland Parkway, to approximately 6,000 feet east (downgradient), just east of Eastern Avenue. The plume of PCE-contaminated groundwater extends beneath the residential neighborhood, more than 1,000 feet downgradient from the source area.

The Nevada Division of Environmental Protection (NDEP) directed the responsible party to conduct an assessment to evaluate the presence and distribution of PCE vapors in vadose-zone soils overlying the contaminated groundwater plume. The data from this soil vapor study were used as input in to the U.S. Environmental Protection Agency's (EPA) version of the Johnson-Ettinger model for vapor intrusion. Results of the modeling indicated the potential for vapor intrusion into residences underlain by the PCE plume. In response, NDEP offered indoor air sampling to more than 140 homes in the neighborhood. Most homeowners accepted the offer, and NDEP eventually sampled 97 homes and two schools between fall 2007 and winter 2007-2008.

Indoor air in 15 of the 97 homes sampled had PCE concentrations greater than the NDEP interim-action level of $32 \mu\text{g}/\text{m}^3$ (Broadbent 2010). NDEP offered to install sub-slab depressurization (SSD) systems in all 15 homes; however, one of the homeowners declined the offer; therefore, SSD systems were installed at 14 of the 15 homes. After SSD system installation, indoor air in the homes was retested to ensure that the PCE vapor concentrations were below the interim action level. If PCE concentrations in indoor air remained above the interim action level, performance testing was conducted and the SSD systems were modified. Subsequent sampling confirmed that all homes with SSD systems exhibited PCE concentrations less than $32 \mu\text{g}/\text{m}^3$ in indoor air (Broadbent 2010).

On December 27, 2010, the U.S. District Court, District of Nevada, issued a Permanent Injunction requiring that annual indoor air sampling be offered to homeowners with property overlying groundwater containing PCE at concentrations of 100 microgram per liter ($\mu\text{g}/\text{L}$) or greater (U.S. District Court 2010). Homes that are found to have PCE in indoor at concentrations exceeding the NDEP interim action level of $32 \mu\text{g}/\text{m}^3$ are to be offered mitigation systems to decrease PCE concentrations in indoor air below the interim action level.

In compliance with the Permanent Injunction, the Herman Kishner Trust contracted with Tetra Tech EM, Inc. (Tetra Tech) to conduct the indoor air sampling. Tetra Tech prepared the *Work Plan for Mitigation of Indoor Air and Well Water* (Tetra Tech 2011a) and the *Addendum to the Work Plan for Mitigation of Indoor Air and Well Water* (Tetra Tech 2011b), which were approved by NDEP on August 23, 2011. Indoor air sampling was conducted in February and April 2012. This report documents these indoor air sampling activities and results.

2.0 SELECTION OF HOMES

Homes were selected for indoor air sampling by overlaying the most recent groundwater contour map (January 2012) on the Assessor's Parcel Number (APN) maps for the Paradise Palms neighborhood and identifying parcels that lay within the $100 \mu\text{g}/\text{L}$ contour. Figure 2-1 presents the $100 \mu\text{g}/\text{L}$ groundwater PCE contour on a merged map with the parcels. Indoor air sampling was offered to any homeowner whose property lay partially or wholly within the $100 \mu\text{g}/\text{L}$ contour.

3.0 RESIDENT NOTIFICATION

Tetra Tech teamed with NDEP to develop an acceptable protocol for offering eligible residents indoor air sampling.

3.1 Mailing

On February 2, 2012, Tetra Tech mailed notification packages to 103 homeowners. The notification packages consisted of a letter and an access agreement that had been approved by NDEP. The letter provided information about the upcoming indoor air sampling event that would be offered to homeowners whose property may be affected by the PCE groundwater plume. The letter explained that the work would consist of three phases including: (1) in-home surveys; (2) indoor air grab sampling; and (3) indoor air SUMMA canister sampling (Appendix A). However, due to limited homeowner response, the work was later optimized to only include in-home surveys and SUMMA canister sampling. The homeowners were asked to sign the access agreement and return it to Tetra Tech if they chose to participate in the indoor air sampling. The access agreement allowed Tetra Tech staff to enter the home to conduct the in-home survey and conduct the air sampling. NDEP separately sent each of the 103 homeowners an NDEP issued access agreement to allow NDEP staff to enter the home.

3.2 Response and Subsequent Contact

Of the 103 homeowners sent a notification package, a total of 41 responded either to Tetra Tech, to NDEP, or to both (Table 3-1). After receiving the signed access agreements, Tetra Tech called homeowners to schedule appointments to complete the in-home surveys and indoor air sampling. Because of the limited interest in participating in the sampling program, the indoor air grab sampling phase of the program was eliminated and all homes were sampled using SUMMA canisters. The final schedule included two separate rounds of sampling, both consisting of in-home surveys and SUMMA canister sampling.

While 40 homeowners responded by electing to participate in the indoor air sampling, only 34 homes were successfully scheduled to complete both the in-home surveys and sampling. The other six homes were unreachable in all attempts to contact the homeowner, and therefore, were not included in this year's sampling program. Two of the 34 homes were not sampled: one due to the presence of indoor sources of volatile organic compounds (VOCs) and the other due to a missed appointment. In some circumstances multiple follow-up contacts was required with each homeowner who elected to participate in order to coordinate scheduling for the indoor air sampling.

**Table 3-1
Resident Notification and Response Summary**

Homes mailed notification package	103
Residents who responded to notification package	41
Number of residents electing to participate in sampling	40
Residents who scheduled appointments	34
Homes sampled during 2012 annual sampling program ¹	32

Note:

1 - The number of homes sampled does not match number of homes scheduled because one home contained potential volatile organic compound sources and another was not home at the time of their appointment.

3.3 Final List of Residents

In order to ensure confidentiality, each homeowner that was contacted was assigned a random four-digit identification number, which was used for sample identification. Table 3-2 lists the 41 residences that responded and summarizes the outcome.

- Table 3-2 Final List of Residents Contacted for Sampling

Identification #	Contacted Tt/NDEP/Both	Requested Sampling (Y/N)	Outcome	Sampling Round
4691	Both	Y	Sampled	1
2498	Both	Y	Sampled	1
3787	Both	Y	Sampled	1
4263	Both	Y	Sampled	1
1278	NDEP	Y	Sampled	1
3029	NDEP	Y	Sampled	1
2838	NDEP	Y	Sampled	1
4638	Both	Y	Sampled	1
2301	NDEP	Y	Sampled	1
4721	Both	Y	Sampled	1
4523	NDEP	Y	Sampled	1
3987	NDEP	Y	Sampled	1
4129	NDEP	Y	Sampled	1
2093	NDEP	Y	Sampled	1
3330	NDEP	Y	Sampled	1
3882	Both	Y	Sampled	1
1553	Both	Y	Sampled	1
1643	Both	Y	Sampled	1
4774	NDEP	Y	Sampled	1
1106	NDEP	Y	Sampled	1
3253	NDEP	Y	Sampled	1
1501	NDEP	Y	Sampled	1
4728	Both	Y	Sampled	1
2124	NDEP	Y	Sampled	2
3313	Tt	Y	Sampled	2
2759	Tt	Y	Sampled	2
3939	NDEP	Y	Sampled	2
2681	NDEP	Y	Sampled	2
3770	NDEP	Y	Sampled	2
4878	Both	Y	Sampled	2

Identification #	Contacted Tt/NDEP/Both	Requested Sampling (Y/N)	Outcome	Sampling Round
1028	Tt	Y	Sampled	2
1567	Both	Y	Sampled	2
4363	Tt	Y	Not Sampled ¹	NA
3551	NDEP	Y	Not Sampled ²	NA
4488	NDEP	Y	Not Sampled ³	NA
1557	Both	Y	Not Sampled ³	NA
3791	NDEP	Y	Not Sampled ³	NA
4324	NDEP	Y	Not Sampled ³	NA
1716	NDEP	Y	Not Sampled ³	NA
4851	NDEP	Y	Not Sampled ³	NA
1121	NDEP	N	Not Sampled ³	NA

Notes:

- 1 - Homeowner could not remove all potential sources of VOCs prior to sampling, and opted out of this year's annual indoor air sampling.
- 2 - Homeowner did not show up to meet Tetra Tech and NDEP staff at the schedule date and time to conduct indoor air sampling.
- 3 - Homeowner could not be reached by Tetra Tech or NDEP in order to schedule a date and time to collect indoor air samples.

4.0 SAMPLING AND ANALYSIS

Tetra Tech conducted the indoor air sampling in accordance with the *Work Plan for Mitigation of Indoor Air and Well Water* dated June 28, 2011 and the *Addendum to the Work Plan for Mitigation of Indoor Air and Well Water* dated August 15, 2011. NDEP provided oversight of the in-home surveys and indoor air sampling with SUMMA canisters.

The indoor air sampling started with an in-home survey followed by SUMMA canister sampling. The in-home surveys involved completing a questionnaire with the homeowners and conducting a walkthrough of the home to assess any potential sources of VOCs prior to sampling. If a potential source was identified the homeowner was asked to remove it from the house 24 hours prior to sampling. Assuming no issues were observed during the in-home surveys, Tetra Tech used SUMMA canisters to collect a time-integrated sample of indoor air over a 24-hour sampling period. In addition, during each 24-hour sampling period, a SUMMA canister was placed outside and upwind of the general area to collect a background sample used to monitor for any possible VOCs present in the atmosphere. The samples were analyzed for PCE, trichloroethene (TCE), *cis*-1,2-dichloroethene (DCE), *trans*-1,2-DCE, and vinyl chloride using EPA method TO-15 in single ion monitoring (SIM) mode. The sample analyses were performed by Air Toxics LTD, located in Folsom, California. For quality control purposes, duplicate samples were collected at a rate over 10 percent.

The first round of in-home surveys was conducted between February 16 and 20, 2012, and the first round of SUMMA canister sampling was conducted between February 25 and 29, 2012. The second round of in-home surveys and SUMMA canister sampling took place between April 24 and 26, 2012.

4.1 Sampling Round 1

Twenty-four homes were scheduled to participate in the first round of indoor air sampling. Between February 16 and 20, 2012, 17 of the 24 homes completed the in-home surveys. The remainder of the in-home surveys was completed between February 25 and 29, 2012.

Following the completion of the in-home surveys, Tetra Tech conducted SUMMA canister sampling to collect time-integrated 24-hour indoor air samples from each of the homes. Twenty-three of the originally 24 scheduled homes were sampled for indoor air between February 25 and 29, 2012. At all but one of the homes, samples were collected from a single location. One home had multiple level slab foundations on the ground floor and required two sampling points. Four background samples and three duplicate samples were collected during this sampling event.

Two homes that were scheduled for sampling during Round 1 were not sampled during this round. One homeowner who completed an in-home survey between February 16 and 20, 2012, did not meet for the scheduled date and time to conduct the SUMMA canister sampling. All subsequent efforts to reach the homeowner were unsuccessful. Another home was originally scheduled for SUMMA canister sampling during Round 1 but during the in-home surveys it was discovered that the homeowner had removed a section of the concrete slab foundation for repairs. The homeowner was requested to inform Tetra Tech and/or NDEP when the repairs were completed so sampling could be completed. After the repairs were finished the homeowner contacted Tetra Tech, and the home was scheduled for Round 2.

4.2 Sampling Round 2

The second round of in-home surveys and indoor air sampling was completed in one mobilization between April 24 and 26, 2012, with in-home surveys taking place prior to SUMMA canister sampling. Ten homes were included. Incorporated in these ten homes was the one home from the previous indoor air sampling round that required repairs to the concrete slab foundation.

As done during the first round of sampling, following the completion of the in-home survey, Tetra Tech completed SUMMA canister sampling to collect time-integrated 24-hour indoor air samples from nine of the 10 homes originally scheduled. One background sample and two duplicate samples were collected during the second round of indoor air sampling.

Only nine of the original ten scheduled homes were sampled because during the in-home survey one the homes was undergoing renovations and contained cleaning and construction equipment that could have been a source of VOCs in indoor air. The homeowner decided it would not be practical to remove all potential VOC sources prior to the sampling. Tetra Tech and NDEP made it clear to the homeowner that sampling would be offered annually, and therefore, the homeowner opted out of the 2012 indoor air sampling.

One household was vacant and the homeowner resides out of State; therefore, an in-home survey was not completed. Upon arrival at this home to conduct the SUMMA canister sampling, a 55-gallon drum labeled as "140 Solvent" was discovered inside the home. The "140 Solvent" was determined to be a petroleum-based solvent, and therefore an indoor air sample was collected despite the presence of the drum.

**Table 4-1
SUMMA Canister Sampling Schedule**

Sampling Event	Dates of Sampling	Sample Collection Summary	
		# of Homes Scheduled for Sampling	# of Homes Actually Sampled
Round 1	February 25-29, 2012	24	23
Round 2	April 24-26, 2012	10	9

5.0 INDOOR AIR SAMPLING RESULTS

A total of 43 SUMMA canister samples (31 from Round 1 and 12 from Round 2) were collected and all were analyzed using TO-15 SIM by Air Toxics LTD. The results are shown in Table 5-1. Of the 32 homes sampled, PCE was:

- not detected in one home,
- detected at concentrations below the interim-action level in samples from 28 of the homes, and
- detected at concentrations above the interim action level in three homes .

Trace concentrations of TCE were detected in two homes, and a trace concentration of vinyl chloride was detected in one home. *Cis*-1,2-DCE and *trans*-1,2-DCE were not detected in any of the indoor air samples.

Result packages were sent via mail to all of the homes sampled. The packages consisted of:

- a letter summarizing the sampling results for the home (Appendix B),
- the full laboratory report for that home (Appendix C),
- the chain of custody (COC) for that home (Appendix D),
- the original Tetra Tech access agreement (Appendix A), and
- an acknowledgment form offering the sub-slab depressurization system for the three homes that exceeded the interim-action level (Appendix E).

6.0 SUMMARY

Indoor air sampling was offered to 103 homes in the Paradise Palms neighborhood. Upon completion of the 2012 annual indoor air sampling program, a total of 32 homes completed an in-home survey and were sampled for PCE TCE, *Cis*-1,2-DCE, *trans*-1,2-DCE, and vinyl chloride with a SUMMA canister.

Indoor air samples from three homes contained PCE at concentrations exceeding the interim-action level of 32 µg/m³. The owners of these three homes were offered SSD systems to mitigate vapor intrusion at no installation cost to the homeowner. Two of the three homeowners have accepted the offer of an SSD system (Appendix E). As of November 2012, one owner has not returned an acknowledgment form.

7.0 REFERENCES

- Broadbent. 2010. *Indoor Air Mitigation and Sampling Report, for the Maryland Square PCE Site, Las Vegas, Nevada*. March.
- Converse Consultants. 2000. *Limited Phase II Subsurface Assessment. Maryland Square Shopping Center, 3661 South Maryland Parkway, Las Vegas Nevada*. August 22.
- Converse Consultants. 2002. *Additional Soil and Groundwater Investigation*. November 13.
- Tetra Tech. 2011a. *Work Plan for Mitigation of Indoor Air and Well Water*. June 28.
- Tetra Tech 2011b. *Addendum to the Work Plan for Mitigation of Indoor Air and Well Water*. August 15.
- URS Corporation (URS). 2007. *Report of Off-Site Soil Vapor Assessment, Former Al Phillips Facility, Maryland Square Shopping Center, 3661 Maryland Parkway, Las Vegas, Nevada*. April.
- U.S. District Court, District of Nevada. 2010. *Permanent Injunction Governing the Clean Up of Hazardous Substances at and Emanating from Maryland Square Shopping Center, Case No. 2:08-cv-01618 RCJ (GWF)*

REDACTED

TABLES

Table 5-1
Sampling Results
EPA Method TO-15 SIM ($\mu\text{g}/\text{m}^3$)
Maryland Square PCE Site
Las Vegas, Nevada

Sample ID	IA-2838			IA-4263			IA-2498			IA-4691			IA-3029		
Collection Date	26-Feb-12			26-Feb-12			26-Feb-12			26-Feb-12			26-Feb-12		
Analyte	RL	Result		RL	Result		RL	Result		RL	Result		RL	Result	
PCE	0.26	0.63		0.25	0.36		0.26	1.2		0.26	29		0.25	8.3	
TCE	0.21	0.21	U	0.2	0.2	U	0.21	0.21	U	0.2	0.2	U	0.2	0.2	U
<i>cis</i> -1,2-DCE	0.16	0.16	U	0.15	0.15	U	0.16	0.16	U	0.15	0.15	U	0.15	0.15	U
<i>trans</i> -1,2-DCE	0.78	0.78	U	0.74	0.74	U	0.78	0.78	U	0.76	0.76	U	0.74	0.74	U
Vinyl chloride	0.05	0.05	U	0.048	0.048	U	0.05	0.05	U	0.049	0.049	U	0.048	0.048	U

Sample ID	IA-4638			IA-1278			IA-3787-1			IA-DUP1 (IA-3787-1D)			IA-3787-2		
Collection Date	26-Feb-12			26-Feb-12			26-Feb-12			26-Feb-12			26-Feb-12		
Analyte	RL	Result		RL	Result		RL	Result		RL	Result		RL	Result	
PCE	0.27	0.27	U	0.25	13		0.28	1.8		0.27	1.8		0.27	1.9	
TCE	0.22	0.22	U	0.2	0.2	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U
<i>cis</i> -1,2-DCE	0.16	0.16	U	0.15	0.15	U	0.16	0.16	U	0.16	0.16	U	0.16	0.16	U
<i>trans</i> -1,2-DCE	0.8	0.8	U	0.74	0.74	U	0.82	0.82	U	0.8	0.8	U	0.8	0.8	U
Vinyl chloride	0.051	0.051	U	0.048	0.048	U	0.053	0.053	U	0.051	0.051	U	0.051	0.051	U

Sample ID	IA-4721			IA-DUP2 (IA-4721D)			IA-4728			IA-2301		
Collection Date	27-Feb-12			27-Feb-12			27-Feb-12			27-Feb-12		
Analyte	RL	Result		RL	Result		RL	Result		RL	Result	
PCE	0.25	5.9		0.25	5.9		0.26	2.1		0.25	2.6	
TCE	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U	0.2	0.2	U
<i>cis</i> -1,2-DCE	0.15	0.15	U	0.15	0.15	U	0.15	0.15	U	0.14	0.14	U
<i>trans</i> -1,2-DCE	0.74	0.74	U	0.74	0.74	U	0.76	0.76	U	0.72	0.72	U
Vinyl chloride	0.048	0.048	U	0.048	0.048	U	0.049	0.049	U	0.047	0.047	U

Table 5-1
Sampling Results
EPA Method TO-15 SIM ($\mu\text{g}/\text{m}^3$)
Maryland Square PCE Site
Las Vegas, Nevada

Sample ID	IA-3987			IA-4129			IA-4523			IA-2093			IA-3882		
Collection Date	28-Feb-12			28-Feb-12			28-Feb-12			28-Feb-12			28-Feb-12		
Analyte	RL	Result		RL	Result		RL	Result		RL	Result		RL	Result	
PCE	0.25	5.3		0.23	2.4		0.25	1.7		0.26	4.1		0.26	39	
TCE	0.2	0.2	U	0.18	0.18	U	0.2	0.2	U	0.21	0.21	U	0.21	0.21	U
<i>cis</i> -1,2-DCE	0.15	0.15	U	0.14	0.14	U	0.15	0.15	U	0.16	0.16	U	0.16	0.16	U
<i>trans</i> -1,2-DCE	0.74	0.74	U	0.68	0.68	U	0.74	0.74	U	0.78	0.78	U	0.78	0.78	U
Vinyl chloride	0.048	0.048	U	0.044	0.044	U	0.048	0.048	U	0.05	0.05	U	0.05	0.05	U

Sample ID	IA-1553			IA-3330			IA-1643			IA-4774			IA-1106		
Collection Date	28-Feb-12			28-Feb-12			29-Feb-12			29-Feb-12			29-Feb-12		
Analyte	RL	Result		RL	Result		RL	Result		RL	Result		RL	Result	
PCE	0.26	7.0		0.21	3.4		0.24	8.3		0.26	11		0.26	3.7	
TCE	0.2	0.2	U	0.17	0.17	U	0.19	0.19	U	0.21	0.31		0.21	0.21	U
<i>cis</i> -1,2-DCE	0.15	0.15	U	0.12	0.12	U	0.14	0.14	U	0.16	0.16	U	0.16	0.16	U
<i>trans</i> -1,2-DCE	0.76	0.76	U	0.63	0.63	U	0.71	0.71	U	0.78	0.78	U	0.78	0.78	U
Vinyl chloride	0.049	0.049	U	0.04	0.04	U	0.046	0.046	U	0.05	0.05	U	0.05	0.05	U

Sample ID	IA-3253			IA-1501			IA-DUP3 (IA-1501D)		
Collection Date	29-Feb-12			29-Feb-12			29-Feb-12		
Analyte	RL	Result		RL	Result		RL	Result	
PCE	0.25	2.5		0.25	5.5		0.29	7.0	
TCE	0.2	0.2	U	0.2	0.2	U	0.23	0.23	U
<i>cis</i> -1,2-DCE	0.14	0.14	U	0.14	0.14	U	0.17	0.17	U
<i>trans</i> -1,2-DCE	0.72	0.72	U	0.72	0.72	U	0.84	0.84	U
Vinyl chloride	0.047	0.047	U	0.047	0.047	U	0.054	0.054	U

Sample ID	Background-022512			Background-022612			Background-022712			Background-022812		
Collection Date	26-Feb-12			27-Feb-12			28-Feb-12			29-Feb-12		
Analyte	RL	Result		RL	Result		RL	Result		RL	Result	
PCE	0.25	0.25	U	0.24	0.69		0.21	0.21	U	0.23	0.23	U
TCE	0.2	0.2	U	0.19	0.19	U	0.17	0.17	U	0.18	0.18	U
<i>cis</i> -1,2-DCE	0.15	0.15	U	0.14	0.14	U	0.12	0.12	U	0.13	0.13	U
<i>trans</i> -1,2-DCE	0.74	0.74	U	0.69	0.69	U	0.63	0.63	U	0.67	0.67	U
Vinyl chloride	0.048	0.048	U	0.045	0.045	U	0.04	0.04	U	0.043	0.043	U

Table 5-1
Sampling Results
EPA Method TO-15 SIM ($\mu\text{g}/\text{m}^3$)
Maryland Square PCE Site
Las Vegas, Nevada

Sample ID	IA-3939			IA-1028			IA-4878			IA-DUP1 (IA-4878D)			IA-1567		
Collection Date	26-Apr-12			26-Apr-12			26-Apr-12			26-Apr-12			26-Apr-12		
Analyte	RL	Result		RL	Result		RL	Result		RL	Result		RL	Result	
PCE	0.25	5.7		0.26	0.44		0.28	14		0.27	14		0.28	49	
TCE	0.2	0.2	U	0.21	0.21	U	0.22	0.22	U	0.22	0.22	U	0.22	0.22	U
<i>cis</i> -1,2-DCE	0.14	0.14	U	0.16	0.16	U	0.16	0.16	U	0.16	0.16	U	0.16	0.16	U
<i>trans</i> -1,2-DCE	0.72	0.72	U	0.78	0.78	U	0.82	0.82	U	0.8	0.8	U	0.82	0.82	U
Vinyl chloride	0.047	0.047	U	0.05	0.05	U	0.053	0.053	U	0.051	0.051	U	0.053	0.053	U

Sample ID	IA-3313			IA-2759			IA-2681			IA-2124			IA-3770		
Collection Date	26-Apr-12			26-Apr-12			26-Apr-12			26-Apr-12			26-Apr-12		
Analyte	RL	Result		RL	Result		RL	Result		RL	Result		RL	Result	
PCE	0.29	11		0.26	5.0		0.25	2.4		0.26	39		0.26	4.7	
TCE	0.23	0.23	U	0.21	0.21	U	0.2	0.44		0.21	0.21	U	0.2	0.2	U
<i>cis</i> -1,2-DCE	0.17	0.17	U	0.16	0.16	U	0.15	0.15	U	0.16	0.16	U	0.15	0.15	U
<i>trans</i> -1,2-DCE	0.86	0.86	U	0.78	0.78	U	0.74	0.74	U	0.78	0.78	U	0.76	0.76	U
Vinyl chloride	0.055	0.075		0.05	0.05	U	0.048	0.048	U	0.05	0.05	U	0.049	0.049	U

Sample ID	IA-DUP2 (IA-3770D)			Background-042512		
Collection Date	26-Apr-12			26-Apr-12		
Analyte	RL	Result		RL	Result	
PCE	0.26	4.8		0.26	0.27	
TCE	0.21	0.21	U	0.2	0.2	U
<i>cis</i> -1,2-DCE	0.16	0.16	U	0.15	0.15	U
<i>trans</i> -1,2-DCE	0.78	0.78	U	0.76	0.76	U
Vinyl chloride	0.05	0.05	U	0.049	0.049	U

Table 5-1
Sampling Results
EPA Method TO-15 SIM ($\mu\text{g}/\text{m}^3$)
Maryland Square PCE Site
Las Vegas, Nevada

Data Validity Qualifiers:

U - Compound analyzed for but not detected above the reporting limit.


Definitions:

D - duplicate sample
DCE - dichloroethene
 $\mu\text{g}/\text{m}^3$ - micrograms per cubic meter
PCE - tetrachloroethene
RL - reporting limit
TCE - trichloroethene
VOC - volatile organic compound

Notes:

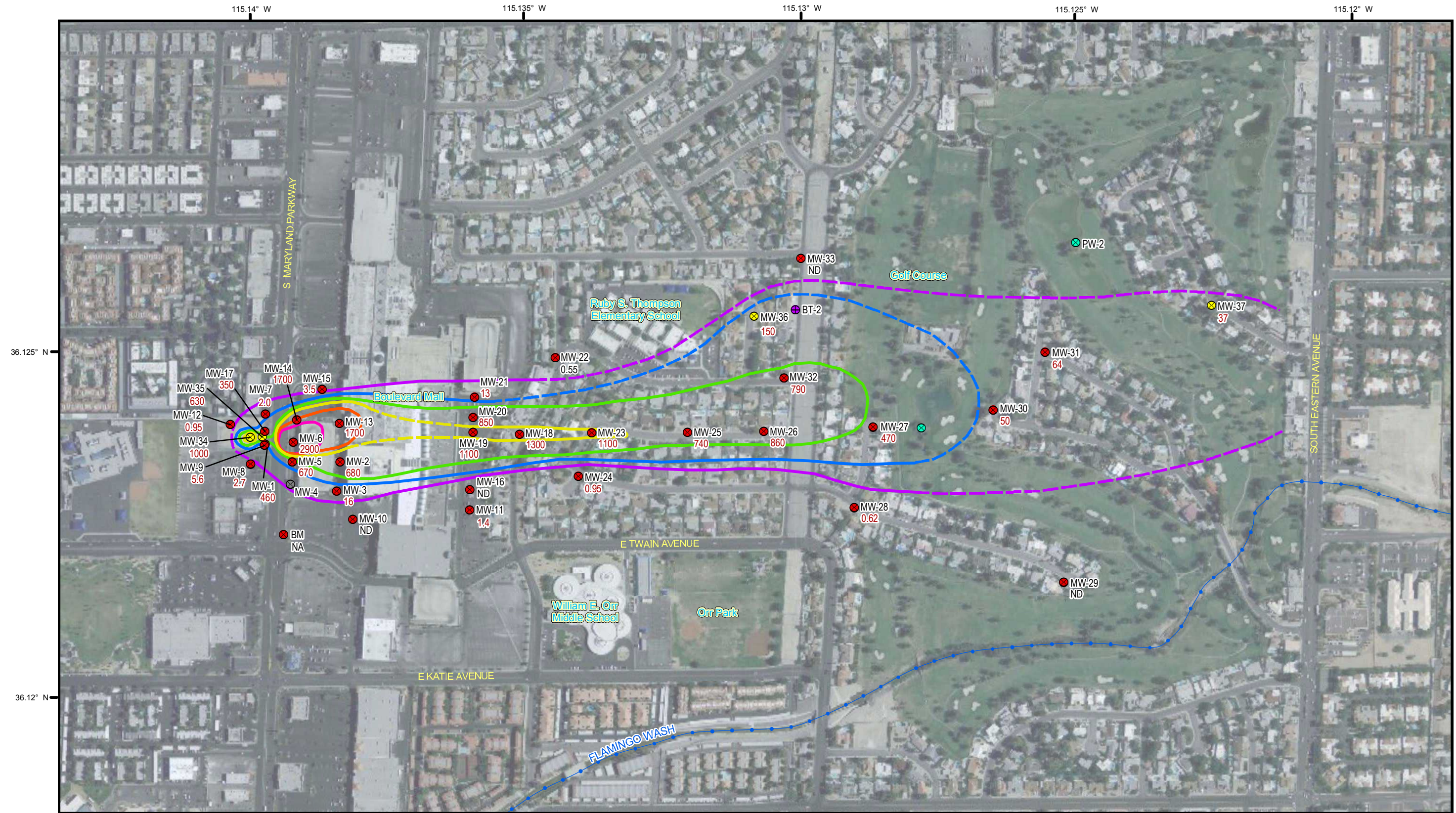
Sample analyses performed by Air Toxics Laboratories.

Grey type indicates non-detect results.

 Highlighted results exceed the Interim-Action Level of $32 \mu\text{g}/\text{m}^3$

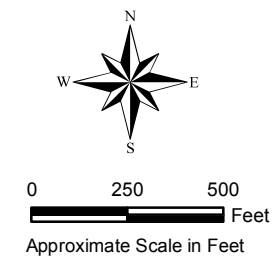
REDACTED


FIGURES




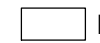

Legend

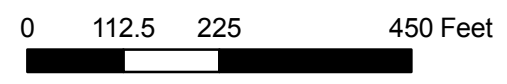
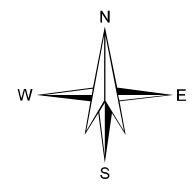
- | | | |
|---------------------------------------------------|----------------------------------------------|----------------------------------|
| ⊕ Soil Boring Location | — 2500 ug/L PCE Contour | ug/L Micrograms Per Liter |
| ⊗ Production Well Location | — 2000 ug/L PCE Contour | NA Not Analyzed |
| ⊙ Monitoring Well Location (Sampled 2011) | — 1500 ug/L PCE Contour | ND Not Detected |
| ⊙ Monitoring Well Location (Sampled January 2012) | — 1000 ug/L PCE Contour | NS Not Sampled |
| ⊙ Monitoring Well Location (Not Sampled) | — 500 ug/L PCE Contour | PCE Tetrachloroethylene |
| | — 100 ug/L PCE Contour | PQL Practical Quantitation Limit |
| | — 5 ug/L PCE Contour (Dashed Where Inferred) | URS URS Corporation |
| | | PCE PQL = 0.5 ug/L |



MARYLAND SQUARE PCE SITE 3661 South Maryland Parkway Las Vegas, Nevada
FIGURE 1-1 MARYLAND SQUARE PCE PLUME




- Legend**
-  100 µg/L Groundwater PCE Contour
Based on January 2012 Sampling Data
 -  Parcel
 -  Parcel Selected for Indoor Air Sampling



Data sources: Clark County, Tetra Tech
ArcGIS Map No. 8940

Maryland Square PCE Site
3661 South Maryland Parkway
Las Vegas, Nevada

**FIGURE 2-1
PARCELS SELECTED FOR
INDOOR AIR SAMPLING**



REDACTED

APPENDICES

REDACTED

APPENDIX A - Resident Notification Materials



February 2, 2012

Dear Resident,

This letter provides information about upcoming indoor air sampling that will be offered to homeowners whose property may be affected by shallow groundwater containing the dry-cleaning solvent tetrachloroethene (PCE). The area of contaminated groundwater is known as the “Maryland Square PCE plume.”

Tetra Tech, an international environmental consulting firm, has been contracted by the Herman Kishner Trust to conduct the indoor air sampling. **Please note that sampling at your home is completely voluntary and will be conducted at no cost to you.**

Tetra Tech will be conducting indoor air sampling, with regulatory oversight by the Nevada Division of Environmental Protection (NDEP) and in accordance with the *Work Plan for Mitigation of Indoor Air and Well Water* dated June 28, 2011 and the *Addendum to the Work Plan for Mitigation of Indoor Air and Well Water* dated August 15 2011. You may view and download these documents from the NDEP website at <http://ndep.nv.gov/pce/foia.htm>.

The Herman Kishner Trust will be providing annual sampling of indoor air for homes that overlie groundwater containing PCE at concentrations that exceed 100 parts per billion (ppb). If the air in your home is found to contain PCE at a concentration that exceeds the NDEP’s interim-action level of 32 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), you will be offered a mitigation system for your home. The mitigation system will be installed at no cost to you.

Indoor Air Sampling

The air sampling in your neighborhood will be conducted in three phases:

- **Phase 1 – In-Home Surveys.** Before collecting samples of indoor air, Tetra Tech staff will meet with you at your home and complete a questionnaire to help assess whether your home may include consumer products that contain PCE. A visual inspection of your home will be conducted to look for products that may contain PCE or other volatile organic compounds (VOCs). The in-home survey is expected to take approximately 30 to 60 minutes.
- **Phase 2 – Grab Sampling.** Tetra Tech will collect one or more screening samples (also known as “grab” samples) of air from your home and analyze these samples in a mobile laboratory that will be located in the neighborhood. Grab sampling should not take more than 15 to 30 minutes, and the laboratory results will be known within a few hours. If the concentrations of PCE in the grab samples from your home are less than half of the interim-action level, then the sampling at your home will be considered complete for 2012. If grab samples from your home contain concentrations of PCE that exceed one-half the interim-action level, then 24-hour sampling will be offered (Phase 3).



- Phase 3 – Summa Canister Sampling. Tetra Tech will place summa canisters in your home, which will collect a time-integrated sample of indoor air over a 24-hour sampling period. Tetra Tech will then return 24 hours later to retrieve the canisters. After retrieving the summa canisters, they will be sent to a laboratory for analysis. The laboratory will require approximately 30 days to complete the analysis.



The in-home surveys will be scheduled at your convenience from February 16 through 20, 2012. The grab sampling will be scheduled at your convenience from February 25 through 29, 2012; this time window is short because of limited availability of the mobile laboratory. If you are not available for an in-home survey during the 16th through the 20th, you will be offered another opportunity during the grab sampling. If you are not available for the grab sampling, then summa canister sampling (Phase 3) will be offered for your home; although we believe you will find the grab sampling more convenient and therefore recommend scheduling the sampling for February 25 through 29 if possible. In an effort to accommodate your schedule, both the in-home survey and sampling will be offered on weekends and evenings, in addition to regular business hours. If you are not available for grab sampling between February 25 and February 29, 24-hour sampling with a summa canister will be scheduled for your home. Please contact us as described below to discuss options and details.

Access Agreement and Confidentiality

Enclosed in this letter is an access agreement that allows Tetra Tech staff to enter your home, at the specific times you agree to, in order to conduct the air sampling. Please review the access agreement, and sign and date it if you choose to have your home sampled. We will ask for the signed access agreement when we arrive for the in-home survey. Tetra Tech will not enter your home without a signed access agreement. Tetra Tech will conduct all phases of the sampling, but will be accompanied by a representative from the NDEP. In addition, if you are being represented by the law firm of Robertson & Vick, LLP or Greben & Associates, one of their representatives may also be present.

Tetra Tech and the NDEP will keep your sample results confidential to the extent possible. Previous data collected by the NDEP was released to parties on a need-to-know basis and then, only after a confidentiality agreement was signed.

Scheduling Appointments

To schedule appointments for in-home surveys and air sampling, please call our dedicated phone line at **(702) 290-5971**. If we do not answer, please leave a message with your name, address, phone number, and preferred time for a return call, and we will contact you within one business day, including outside of regular business hours if you prefer. You may also contact us via email at ParadisePalms-PCE-Help@tetrattech.com. Tetra Tech respectfully requests your response to this letter by calling **(702) 290-5971** or emailing ParadisePalms-PCE-Help@tetrattech.com by February 13, 2012.

Sincerely,

TETRA TECH, INC.

ACCESS AGREEMENT

THIS AGREEMENT ("Agreement") is made and entered into as of the _____ day of _____, 2012, by and between _____ ("Owner") Tetra Tech, Inc. ("Tt") concerning the following described property owned by Owner ("Property"):
_____.

A. Tt has an interest in accessing the Property to sample indoor air to aid in characterizing the extent of potential vapor migration into indoor air from subsurface soil vapor; and

B. In order for Tt to sample indoor air, it is necessary for employees, agents or independent contractors of Tt to enter upon and inspect the Property; and

C. Owner and Tt desire to provide for the entry, inspection and air sampling activities (two rounds of sampling may be required, depending on the analytical results), at the Property according to the terms of this Agreement.

D. Tt will make available the analytical results of the sampling to the Owner via mail. Tt will also keep the test results confidential, to the extent allowed under Nevada Revised Statutes Chapter 239, Public Records Act requirements.

Owner and Tt agree as follows:

1. Consent. Owner consents and agrees that Tt, its employees, agents and independent contractors ("Authorized Parties") may enter upon the Property to conduct and perform home surveys and indoor air sampling with bags or summa canisters. Tt agrees to be responsible for any and all costs related to the home survey and indoor air sampling.

2. Access. Owner agrees that the Authorized Parties may enter upon the Property to perform the home survey and indoor air sampling according to this Agreement, at dates and times scheduled with and agreed to by Owner.

3. Removal of Property. Tt agrees that it will remove any summa canisters set up on the Property as a part of the indoor air sampling, repair any damage to the Property that might have been caused in connection with the home survey or indoor air sampling, and will return the Property to the condition it was in before Tt's entry onto the Property. In the event any summa canister set up on the Property by Tt is not removed at the conclusion of sampling, the Owner will have the right to remove such equipment.

4. Indemnity. Tt agrees to indemnify, save harmless, and defend the Owner against any and all claims, actions, damages, liability and expense in connection with personal injury and/or damage to property arising from or out of any occurrence in, upon or at the Property, to the extent caused by the negligent acts or omission of the Authorized Parties in conducting the home survey and indoor air sampling. Any defense conducted by Tt of any such claims, actions, damages, liability and expense will be conducted by attorneys chosen by Tt, and Tt will be liable for the payment of any and all court costs, expenses of litigation, reasonable attorneys' fees and any judgment that may be entered therein. Tt's liability for all of the above matters shall be limited to the proceeds recovered from the insurance provided by Tt. In no event shall Tt be liable for any special, indirect, incidental or consequential damages.

5. Governing Law. The parties agree that the interpretation and construction of this Agreement shall be governed by the laws of the State of Nevada, without regard to such state's conflict of laws provisions.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

Tetra Tech Inc.:

OWNER:

By: _____

By: _____

Name: _____

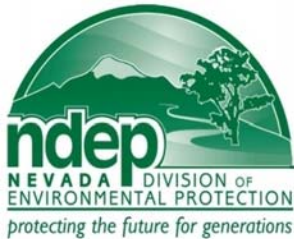
Name: _____

Title: _____

Title: _____

Date: _____

Date: _____



STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Brian Sandoval, Governor

Leo M. Drozdoff, P.E., Director

Colleen Cripps, Ph.D., Administrator

AUTHORIZATION AND RELEASE

PROJECT: Maryland Square PCE Site, 3661 S. Maryland Parkway, NDEP Facility ID# H-000086

Please read the following authorization and release form. Sign and date one copy and return to the Nevada Division of Environmental Protection (NDEP) in the envelope provided; or provide the copy directly to the NDEP representative who will observe the sampling performed by Tetra Tech.

I hereby authorize and grant NDEP and its authorized agents the right of reasonable entry and access to my property in the City of Las Vegas, located in Clark County, Nevada in order to observe indoor air sampling being performed by Tetra Tech for the purpose of characterizing the extent of potential vapor migration into indoor air from subsurface soil vapor. I understand that persons entitled to access by this Authorization and Release include the NDEP, its officers, agents, employees, contractors, and any other person authorized by NDEP to observe the above activities.

At this time, we anticipate that indoor air sampling will take place in February and March, 2012; however, Tetra Tech will be contacting you and will be setting up the sampling schedule. Tetra Tech will provide you with more specific information on the sampling and sampling dates.

I understand that NDEP will be observing personnel from Tetra Tech who will be conducting the sampling and that Tetra Tech will make available to me the results of the sampling. NDEP and Tetra Tech will also keep individual home test results confidential, to the extent allowed under Nevada Revised Statutes Chapter 239, Public Records Act requirements.

Name of Homeowner (please print)

Contact Phone Number

Address

City/State/Zip Code

Signature

Date

I decline to participate in the indoor air sampling program

Homeowner Signature

Date

REDACTED

APPENDIX B - Laboratory Data Packages

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203024

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

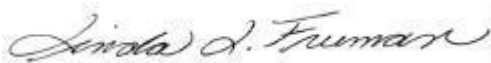
Project Manager

WORK ORDER #: 1203024

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919.02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-3987	Modified TO-15 SIM	8.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203024

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-3987. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-3987

Lab ID#: 1203024-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	0.79	0.25	5.3



Air Toxics

Client Sample ID: IA-3987

Lab ID#: 1203024-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030216	Date of Collection: 2/28/12 8:30:00 AM
Dil. Factor:	1.87	Date of Analysis: 3/2/12 06:51 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.79	0.25	5.3
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203024-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 11:30 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203024-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:03 AM

Compound	%Recovery
Vinyl Chloride	101
cis-1,2-Dichloroethene	102
Trichloroethene	89
Tetrachloroethene	89
trans-1,2-Dichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203024-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:42 AM

Compound	%Recovery
Vinyl Chloride	103
cis-1,2-Dichloroethene	102
Trichloroethene	86
Tetrachloroethene	86
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203024-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:17 AM

Compound	%Recovery
Vinyl Chloride	102
cis-1,2-Dichloroethene	101
Trichloroethene	86
Tetrachloroethene	88
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203025

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

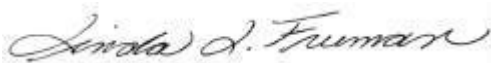
Project Manager

WORK ORDER #: 1203025

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919.02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-4129	Modified TO-15 SIM	6.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203025

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-4129. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-4129

Lab ID#: 1203025-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.034	0.36	0.23	2.4



Air Toxics

Client Sample ID: IA-4129

Lab ID#: 1203025-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030217	Date of Collection: 2/28/12 9:30:00 AM
Dil. Factor:	1.71	Date of Analysis: 3/2/12 07:27 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.017	Not Detected	0.044	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.14	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	0.36	0.23	2.4
trans-1,2-Dichloroethene	0.17	Not Detected	0.68	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	100	70-130

Client Sample ID: Lab Blank

Lab ID#: 1203025-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 11:30 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203025-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:03 AM

Compound	%Recovery
Vinyl Chloride	101
cis-1,2-Dichloroethene	102
Trichloroethene	89
Tetrachloroethene	89
trans-1,2-Dichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203025-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:42 AM

Compound	%Recovery
Vinyl Chloride	103
cis-1,2-Dichloroethene	102
Trichloroethene	86
Tetrachloroethene	86
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203025-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:17 AM

Compound	%Recovery
Vinyl Chloride	102
cis-1,2-Dichloroethene	101
Trichloroethene	86
Tetrachloroethene	88
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203026

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

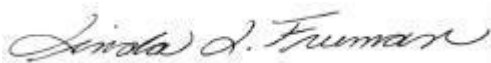
Project Manager

WORK ORDER #: 1203026

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919.02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-4523	Modified TO-15 SIM	8.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
 NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203026

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-4523. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-4523

Lab ID#: 1203026-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	0.25	0.25	1.7



Air Toxics

Client Sample ID: IA-4523

Lab ID#: 1203026-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030219	Date of Collection:	2/28/12 8:00:00 AM	
Dil. Factor:	1.87	Date of Analysis:	3/2/12 08:41 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.25	0.25	1.7
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130

Client Sample ID: Lab Blank

Lab ID#: 1203026-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 11:30 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203026-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:03 AM

Compound	%Recovery
Vinyl Chloride	101
cis-1,2-Dichloroethene	102
Trichloroethene	89
Tetrachloroethene	89
trans-1,2-Dichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203026-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:42 AM

Compound	%Recovery
Vinyl Chloride	103
cis-1,2-Dichloroethene	102
Trichloroethene	86
Tetrachloroethene	86
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203026-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:17 AM

Compound	%Recovery
Vinyl Chloride	102
cis-1,2-Dichloroethene	101
Trichloroethene	86
Tetrachloroethene	88
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203027

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

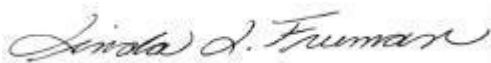
Project Manager

WORK ORDER #: 1203027

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919.02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	Background-022712	Modified TO-15 SIM	9.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203027

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample Background-022712. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: Background-022712

Lab ID#: 1203027-01A

No Detections Were Found.



Air Toxics

Client Sample ID: Background-022712

Lab ID#: 1203027-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030220	Date of Collection: 2/28/12 8:00:00 AM
Dil. Factor:	1.91	Date of Analysis: 3/2/12 09:27 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.049	Not Detected
cis-1,2-Dichloroethene	0.038	Not Detected	0.15	Not Detected
Trichloroethene	0.038	Not Detected	0.20	Not Detected
Tetrachloroethene	0.038	Not Detected	0.26	Not Detected
trans-1,2-Dichloroethene	0.19	Not Detected	0.76	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203027-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030206	Date of Collection:	NA	
Dil. Factor:	1.00	Date of Analysis:	3/2/12 11:30 AM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203027-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:03 AM

Compound	%Recovery
Vinyl Chloride	101
cis-1,2-Dichloroethene	102
Trichloroethene	89
Tetrachloroethene	89
trans-1,2-Dichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203027-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:42 AM

Compound	%Recovery
Vinyl Chloride	103
cis-1,2-Dichloroethene	102
Trichloroethene	86
Tetrachloroethene	86
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203027-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:17 AM

Compound	%Recovery
Vinyl Chloride	102
cis-1,2-Dichloroethene	101
Trichloroethene	86
Tetrachloroethene	88
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203028

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

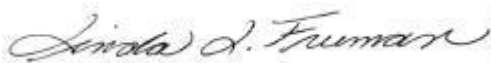
Project Manager

WORK ORDER #: 1203028

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919.02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-2838	Modified TO-15 SIM	9.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
 NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203028

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-2838. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-2838

Lab ID#: 1203028-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.039	0.093	0.26	0.63



Air Toxics

Client Sample ID: IA-2838

Lab ID#: 1203028-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030219sim	Date of Collection: 2/26/12 3:00:00 PM
Dil. Factor:	1.96	Date of Analysis: 3/2/12 09:25 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	Not Detected	0.21	Not Detected
Tetrachloroethene	0.039	0.093	0.26	0.63
trans-1,2-Dichloroethene	0.20	Not Detected	0.78	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	112	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203028-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1203028-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130

Client Sample ID: LCS

Lab ID#: 1203028-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203028-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203029

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

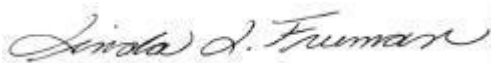
Project Manager

WORK ORDER #: 1203029

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-1643	Modified TO-15 SIM	7.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203029

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for samples IA-1643. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-1643

Lab ID#: 1203029-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.036	1.2	0.24	8.3



Air Toxics

Client Sample ID: IA-1643

Lab ID#: 1203029-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030218	Date of Collection: 2/29/12 9:00:00 AM
Dil. Factor:	1.79	Date of Analysis: 3/2/12 08:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.018	Not Detected	0.046	Not Detected
cis-1,2-Dichloroethene	0.036	Not Detected	0.14	Not Detected
Trichloroethene	0.036	Not Detected	0.19	Not Detected
Tetrachloroethene	0.036	1.2	0.24	8.3
trans-1,2-Dichloroethene	0.18	Not Detected	0.71	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	107	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	99	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203029-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 11:30 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: CCV

Lab ID#: 1203029-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:03 AM

Compound	%Recovery
Vinyl Chloride	101
cis-1,2-Dichloroethene	102
Trichloroethene	89
Tetrachloroethene	89
trans-1,2-Dichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203029-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:42 AM

Compound	%Recovery
Vinyl Chloride	103
cis-1,2-Dichloroethene	102
Trichloroethene	86
Tetrachloroethene	86
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203029-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:17 AM

Compound	%Recovery
Vinyl Chloride	102
cis-1,2-Dichloroethene	101
Trichloroethene	86
Tetrachloroethene	88
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203030

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

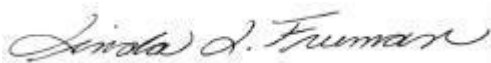
Project Manager

WORK ORDER #: 1203030

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-4721	Modified TO-15 SIM	8.5 "Hg	5 psi
02A	IA-DUP2	Modified TO-15 SIM	8.5 "Hg	5 psi
03A	Lab Blank	Modified TO-15 SIM	NA	NA
04A	CCV	Modified TO-15 SIM	NA	NA
05A	LCS	Modified TO-15 SIM	NA	NA
05AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203030

Two 6 Liter Summa Canister (SIM Certified) samples were received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for samples IA-4721 and IA-DUP2. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-4721

Lab ID#: 1203030-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	0.87	0.25	5.9

Client Sample ID: IA-DUP2

Lab ID#: 1203030-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	0.88	0.25	5.9



Air Toxics

Client Sample ID: IA-4721

Lab ID#: 1203030-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030220sim	Date of Collection:	2/27/12 4:30:00 PM	
Dil. Factor:	1.87	Date of Analysis:	3/2/12 10:01 PM	

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.87	0.25	5.9
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	82	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: IA-DUP2

Lab ID#: 1203030-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030221sim	Date of Collection:	2/27/12 4:30:00 PM
Dil. Factor:	1.87	Date of Analysis:	3/2/12 10:40 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.88	0.25	5.9
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	108	70-130

Client Sample ID: Lab Blank

Lab ID#: 1203030-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1203030-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203030-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203030-05AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203031

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

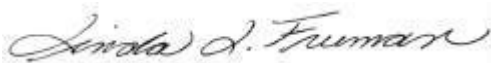
Project Manager

WORK ORDER #: 1203031

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919.02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-4263	Modified TO-15 SIM	8.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203031

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-4263. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-4263

Lab ID#: 1203031-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	0.053	0.25	0.36



Air Toxics

Client Sample ID: IA-4263

Lab ID#: 1203031-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030222sim	Date of Collection: 2/26/12 12:00:00 PM
Dil. Factor:	1.87	Date of Analysis: 3/2/12 11:16 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.053	0.25	0.36
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	112	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203031-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203031-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203031-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203031-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203032

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

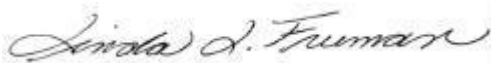
Project Manager

WORK ORDER #: 1203032

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919.02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-2498	Modified TO-15 SIM	9.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203032

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-2498. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-2498

Lab ID#: 1203032-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.039	0.17	0.26	1.2



Air Toxics

Client Sample ID: IA-2498

Lab ID#: 1203032-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030223sim	Date of Collection:	2/26/12 10:00:00 AM
Dil. Factor:	1.96	Date of Analysis:	3/2/12 11:52 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	Not Detected	0.21	Not Detected
Tetrachloroethene	0.039	0.17	0.26	1.2
trans-1,2-Dichloroethene	0.20	Not Detected	0.78	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: Lab Blank

Lab ID#: 1203032-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1203032-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203032-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203032-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203033

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

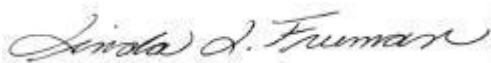
Project Manager

WORK ORDER #: 1203033

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919.02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-4691	Modified TO-15 SIM	9.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203033

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-4691. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-4691

Lab ID#: 1203033-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.038	4.2	0.26	29



Air Toxics

Client Sample ID: IA-4691

Lab ID#: 1203033-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030224sim	Date of Collection: 2/26/12 9:00:00 AM
Dil. Factor:	1.91	Date of Analysis: 3/3/12 12:28 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.049	Not Detected
cis-1,2-Dichloroethene	0.038	Not Detected	0.15	Not Detected
Trichloroethene	0.038	Not Detected	0.20	Not Detected
Tetrachloroethene	0.038	4.2	0.26	29
trans-1,2-Dichloroethene	0.19	Not Detected	0.76	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	112	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203033-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1203033-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203033-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203033-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203034

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

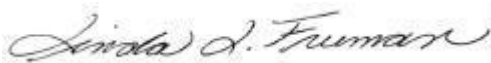
Project Manager

WORK ORDER #: 1203034

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-4728	Modified TO-15 SIM	9.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
 NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203034

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample IA-4728. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-4728

Lab ID#: 1203034-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.038	0.32	0.26	2.1



Air Toxics

Client Sample ID: IA-4728

Lab ID#: 1203034-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030221	Date of Collection: 2/27/12 12:00:00 PM
Dil. Factor:	1.91	Date of Analysis: 3/2/12 10:03 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.049	Not Detected
cis-1,2-Dichloroethene	0.038	Not Detected	0.15	Not Detected
Trichloroethene	0.038	Not Detected	0.20	Not Detected
Tetrachloroethene	0.038	0.32	0.26	2.1
trans-1,2-Dichloroethene	0.19	Not Detected	0.76	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	95	70-130
4-Bromofluorobenzene	96	70-130

Client Sample ID: Lab Blank

Lab ID#: 1203034-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 11:30 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: CCV

Lab ID#: 1203034-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:03 AM

Compound	%Recovery
Vinyl Chloride	101
cis-1,2-Dichloroethene	102
Trichloroethene	89
Tetrachloroethene	89
trans-1,2-Dichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203034-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:42 AM

Compound	%Recovery
Vinyl Chloride	103
cis-1,2-Dichloroethene	102
Trichloroethene	86
Tetrachloroethene	86
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203034-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:17 AM

Compound	%Recovery
Vinyl Chloride	102
cis-1,2-Dichloroethene	101
Trichloroethene	86
Tetrachloroethene	88
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203035

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

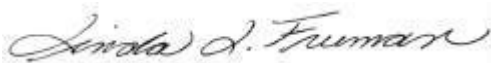
Project Manager

WORK ORDER #: 1203035

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-2093	Modified TO-15 SIM	9.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203035

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample IA-2093. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-2093

Lab ID#: 1203035-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.039	0.60	0.26	4.1



Air Toxics

Client Sample ID: IA-2093

Lab ID#: 1203035-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030222	Date of Collection: 2/28/12 10:30:00 AM
Dil. Factor:	1.96	Date of Analysis: 3/2/12 10:42 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	Not Detected	0.21	Not Detected
Tetrachloroethene	0.039	0.60	0.26	4.1
trans-1,2-Dichloroethene	0.20	Not Detected	0.78	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	98	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203035-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 11:30 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203035-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:03 AM

Compound	%Recovery
Vinyl Chloride	101
cis-1,2-Dichloroethene	102
Trichloroethene	89
Tetrachloroethene	89
trans-1,2-Dichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203035-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:42 AM

Compound	%Recovery
Vinyl Chloride	103
cis-1,2-Dichloroethene	102
Trichloroethene	86
Tetrachloroethene	86
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203035-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:17 AM

Compound	%Recovery
Vinyl Chloride	102
cis-1,2-Dichloroethene	101
Trichloroethene	86
Tetrachloroethene	88
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203036

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

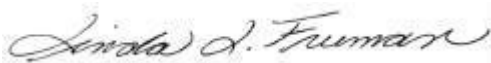
Project Manager

WORK ORDER #: 1203036

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-3882	Modified TO-15 SIM	9.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
 NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203036

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample IA-3882. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-3882

Lab ID#: 1203036-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.039	5.7	0.26	39



Air Toxics

Client Sample ID: IA-3882

Lab ID#: 1203036-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030223	Date of Collection: 2/28/12 2:00:00 PM
Dil. Factor:	1.96	Date of Analysis: 3/2/12 11:16 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	Not Detected	0.21	Not Detected
Tetrachloroethene	0.039	5.7	0.26	39
trans-1,2-Dichloroethene	0.20	Not Detected	0.78	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203036-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 11:30 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203036-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:03 AM

Compound	%Recovery
Vinyl Chloride	101
cis-1,2-Dichloroethene	102
Trichloroethene	89
Tetrachloroethene	89
trans-1,2-Dichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203036-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:42 AM

Compound	%Recovery
Vinyl Chloride	103
cis-1,2-Dichloroethene	102
Trichloroethene	86
Tetrachloroethene	86
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203036-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:17 AM

Compound	%Recovery
Vinyl Chloride	102
cis-1,2-Dichloroethene	101
Trichloroethene	86
Tetrachloroethene	88
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203037

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

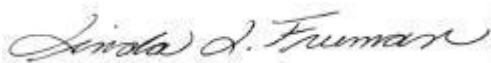
Project Manager

WORK ORDER #: 1203037

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	Background-022812	Modified TO-15 SIM	6.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203037

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample Background-022812. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: Background-022812

Lab ID#: 1203037-01A

No Detections Were Found.



Air Toxics

Client Sample ID: Background-022812

Lab ID#: 1203037-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030224	Date of Collection: 2/29/12 9:00:00 AM
Dil. Factor:	1.68	Date of Analysis: 3/2/12 11:50 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.017	Not Detected	0.043	Not Detected
cis-1,2-Dichloroethene	0.034	Not Detected	0.13	Not Detected
Trichloroethene	0.034	Not Detected	0.18	Not Detected
Tetrachloroethene	0.034	Not Detected	0.23	Not Detected
trans-1,2-Dichloroethene	0.17	Not Detected	0.67	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	99	70-130

Client Sample ID: Lab Blank

Lab ID#: 1203037-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030206	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 11:30 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203037-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:03 AM

Compound	%Recovery
Vinyl Chloride	101
cis-1,2-Dichloroethene	102
Trichloroethene	89
Tetrachloroethene	89
trans-1,2-Dichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203037-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:42 AM

Compound	%Recovery
Vinyl Chloride	103
cis-1,2-Dichloroethene	102
Trichloroethene	86
Tetrachloroethene	86
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203037-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:17 AM

Compound	%Recovery
Vinyl Chloride	102
cis-1,2-Dichloroethene	101
Trichloroethene	86
Tetrachloroethene	88
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203038

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

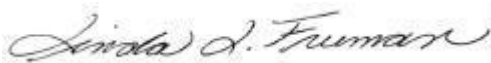
Project Manager

WORK ORDER #: 1203038

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-4774	Modified TO-15 SIM	9.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 

 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
 NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203038

One 6 Liter Summa Canister (SIM Certified) sample was received on March 02, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample IA-4774. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-4774

Lab ID#: 1203038-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.039	0.058	0.21	0.31
Tetrachloroethene	0.039	1.6	0.26	11



Air Toxics

Client Sample ID: IA-4774

Lab ID#: 1203038-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030212sim	Date of Collection: 2/29/12 10:00:00 AM
Dil. Factor:	1.96	Date of Analysis: 3/2/12 04:31 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	0.058	0.21	0.31
Tetrachloroethene	0.039	1.6	0.26	11
trans-1,2-Dichloroethene	0.20	Not Detected	0.78	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	115	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203038-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1203038-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203038-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203038-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203039

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

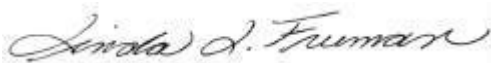
Project Manager

WORK ORDER #: 1203039

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-3029	Modified TO-15 SIM	8.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203039

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample IA-3029. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-3029

Lab ID#: 1203039-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	1.2	0.25	8.3



Air Toxics

Client Sample ID: IA-3029

Lab ID#: 1203039-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030213sim	Date of Collection: 2/26/12 2:00:00 PM
Dil. Factor:	1.87	Date of Analysis: 3/2/12 05:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	1.2	0.25	8.3
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203039-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1203039-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130

Client Sample ID: LCS

Lab ID#: 1203039-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203039-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203040

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

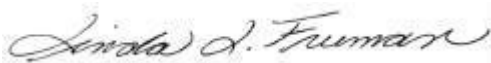
Project Manager

WORK ORDER #: 1203040

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-2301	Modified TO-15 SIM	8.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203040

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the reporting limit.
- UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-2301

Lab ID#: 1203040-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	0.39	0.25	2.6



Air Toxics

Client Sample ID: IA-2301

Lab ID#: 1203040-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030214sim	Date of Collection: 2/27/12 3:00:00 PM
Dil. Factor:	1.83	Date of Analysis: 3/2/12 06:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.39	0.25	2.6
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203040-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1203040-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203040-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203040-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203041

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

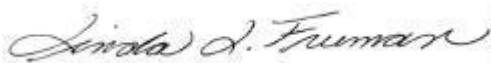
Project Manager

WORK ORDER #: 1203041

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-4638	Modified TO-15 SIM	10.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203041

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample IA-4638. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-4638

Lab ID#: 1203041-01A

No Detections Were Found.



Air Toxics

Client Sample ID: IA-4638

Lab ID#: 1203041-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030215sim	Date of Collection: 2/26/12 4:00:00 PM
Dil. Factor:	2.01	Date of Analysis: 3/2/12 06:44 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.051	Not Detected
cis-1,2-Dichloroethene	0.040	Not Detected	0.16	Not Detected
Trichloroethene	0.040	Not Detected	0.22	Not Detected
Tetrachloroethene	0.040	Not Detected	0.27	Not Detected
trans-1,2-Dichloroethene	0.20	Not Detected	0.80	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	108	70-130

Client Sample ID: Lab Blank

Lab ID#: 1203041-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203041-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130

Client Sample ID: LCS

Lab ID#: 1203041-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203041-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203042

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

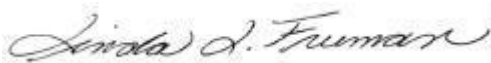
Project Manager

WORK ORDER #: 1203042

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-1553	Modified TO-15 SIM	9.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203042

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample IA-1553. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-1553

Lab ID#: 1203042-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.038	1.0	0.26	7.0



Air Toxics

Client Sample ID: IA-1553

Lab ID#: 1203042-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030225	Date of Collection: 2/28/12 4:30:00 PM
Dil. Factor:	1.91	Date of Analysis: 3/3/12 12:24 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.049	Not Detected
cis-1,2-Dichloroethene	0.038	Not Detected	0.15	Not Detected
Trichloroethene	0.038	Not Detected	0.20	Not Detected
Tetrachloroethene	0.038	1.0	0.26	7.0
trans-1,2-Dichloroethene	0.19	Not Detected	0.76	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	108	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203042-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030206	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	3/2/12 11:30 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203042-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030202	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:03 AM

Compound	%Recovery
Vinyl Chloride	101
cis-1,2-Dichloroethene	102
Trichloroethene	89
Tetrachloroethene	89
trans-1,2-Dichloroethene	105

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	106	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203042-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030203	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:42 AM

Compound	%Recovery
Vinyl Chloride	103
cis-1,2-Dichloroethene	102
Trichloroethene	86
Tetrachloroethene	86
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	105	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203042-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	c030204	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:17 AM

Compound	%Recovery
Vinyl Chloride	102
cis-1,2-Dichloroethene	101
Trichloroethene	86
Tetrachloroethene	88
trans-1,2-Dichloroethene	117

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	106	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203043

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

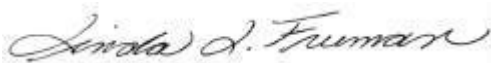
Project Manager

WORK ORDER #: 1203043

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-3330	Modified TO-15 SIM	4.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203043

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample IA-3330. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-3330

Lab ID#: 1203043-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.032	0.50	0.21	3.4



Air Toxics

Client Sample ID: IA-3330

Lab ID#: 1203043-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030307sim	Date of Collection: 2/28/12 5:20:00 PM
Dil. Factor:	1.58	Date of Analysis: 3/3/12 01:09 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.016	Not Detected	0.040	Not Detected
cis-1,2-Dichloroethene	0.032	Not Detected	0.12	Not Detected
Trichloroethene	0.032	Not Detected	0.17	Not Detected
Tetrachloroethene	0.032	0.50	0.21	3.4
trans-1,2-Dichloroethene	0.16	Not Detected	0.63	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	103	70-130

Client Sample ID: Lab Blank

Lab ID#: 1203043-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030306sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 12:18 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203043-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030302sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 09:13 AM

Compound	%Recovery
Vinyl Chloride	79
cis-1,2-Dichloroethene	82
Trichloroethene	86
Tetrachloroethene	89
trans-1,2-Dichloroethene	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203043-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030303sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 09:59 AM

Compound	%Recovery
Vinyl Chloride	84
cis-1,2-Dichloroethene	86
Trichloroethene	89
Tetrachloroethene	90
trans-1,2-Dichloroethene	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203043-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030304sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 10:42 AM

Compound	%Recovery
Vinyl Chloride	83
cis-1,2-Dichloroethene	85
Trichloroethene	87
Tetrachloroethene	88
trans-1,2-Dichloroethene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	102	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203044

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

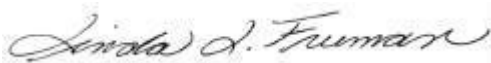
Project Manager

WORK ORDER #: 1203044

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	Background - 022512	Modified TO-15 SIM	8.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203044

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample Background - 022512. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: Background - 022512

Lab ID#: 1203044-01A

No Detections Were Found.



Air Toxics

Client Sample ID: Background - 022512

Lab ID#: 1203044-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030216sim	Date of Collection:	2/26/12 12:00:00 PM
Dil. Factor:	1.87	Date of Analysis:	3/2/12 07:22 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	Not Detected	0.25	Not Detected
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: Lab Blank

Lab ID#: 1203044-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1203044-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203044-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203044-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203045

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

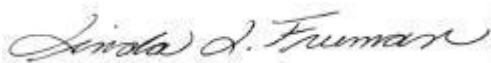
Project Manager

WORK ORDER #: 1203045

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-1278	Modified TO-15 SIM	8.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203045

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample IA-1278. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-1278

Lab ID#: 1203045-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	1.9	0.25	13



Air Toxics

Client Sample ID: IA-1278

Lab ID#: 1203045-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030217sim	Date of Collection: 2/26/12 1:10:00 PM
Dil. Factor:	1.87	Date of Analysis: 3/2/12 08:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	1.9	0.25	13
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	109	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203045-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1203045-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203045-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203045-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203046

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

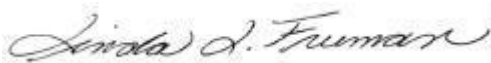
Project Manager

WORK ORDER #: 1203046

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	Background - 022612	Modified TO-15 SIM	7.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203046

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample Background - 022612. The sampling date was taken from the tag.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: Background - 022612

Lab ID#: 1203046-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.035	0.10	0.24	0.69



Air Toxics

Client Sample ID: Background - 022612

Lab ID#: 1203046-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030218sim	Date of Collection:	2/27/12 12:00:00 PM
Dil. Factor:	1.75	Date of Analysis:	3/2/12 08:48 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.018	Not Detected	0.045	Not Detected
cis-1,2-Dichloroethene	0.035	Not Detected	0.14	Not Detected
Trichloroethene	0.035	Not Detected	0.19	Not Detected
Tetrachloroethene	0.035	0.10	0.24	0.69
trans-1,2-Dichloroethene	0.18	Not Detected	0.69	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	112	70-130
Toluene-d8	82	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203046-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 12:28 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	113	70-130
Toluene-d8	83	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: CCV

Lab ID#: 1203046-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030203sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 08:29 AM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	88
Trichloroethene	82
Tetrachloroethene	92
trans-1,2-Dichloroethene	88

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	110	70-130
Toluene-d8	86	70-130
4-Bromofluorobenzene	118	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203046-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 09:33 AM

Compound	%Recovery
Vinyl Chloride	92
cis-1,2-Dichloroethene	93
Trichloroethene	87
Tetrachloroethene	97
trans-1,2-Dichloroethene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	85	70-130
4-Bromofluorobenzene	117	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203046-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	v030205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/2/12 10:51 AM

Compound	%Recovery
Vinyl Chloride	93
cis-1,2-Dichloroethene	93
Trichloroethene	89
Tetrachloroethene	99
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	109	70-130
Toluene-d8	84	70-130
4-Bromofluorobenzene	114	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203047

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

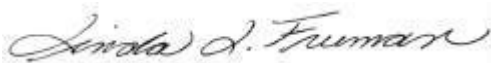
Project Manager

WORK ORDER #: 1203047

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-1106	Modified TO-15 SIM	9.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
 NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203047

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-1106. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-1106

Lab ID#: 1203047-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.039	0.55	0.26	3.7



Air Toxics

Client Sample ID: IA-1106

Lab ID#: 1203047-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030317sim	Date of Collection:	2/29/12 10:30:00 AM
Dil. Factor:	1.96	Date of Analysis:	3/3/12 08:33 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	Not Detected	0.21	Not Detected
Tetrachloroethene	0.039	0.55	0.26	3.7
trans-1,2-Dichloroethene	0.20	Not Detected	0.78	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203047-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030306sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	3/3/12 12:18 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130

Client Sample ID: CCV

Lab ID#: 1203047-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030302sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 09:13 AM

Compound	%Recovery
Vinyl Chloride	79
cis-1,2-Dichloroethene	82
Trichloroethene	86
Tetrachloroethene	89
trans-1,2-Dichloroethene	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203047-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030303sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 09:59 AM

Compound	%Recovery
Vinyl Chloride	84
cis-1,2-Dichloroethene	86
Trichloroethene	89
Tetrachloroethene	90
trans-1,2-Dichloroethene	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203047-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030304sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 10:42 AM

Compound	%Recovery
Vinyl Chloride	83
cis-1,2-Dichloroethene	85
Trichloroethene	87
Tetrachloroethene	88
trans-1,2-Dichloroethene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	102	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203048

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

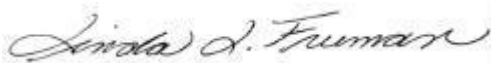
Project Manager

WORK ORDER #: 1203048

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919.02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-3253	Modified TO-15 SIM	8.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203048

One 6 Liter Summa Canister (SIM Certified) sample was received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody (COC) for sample IA-3253. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-3253

Lab ID#: 1203048-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	0.37	0.25	2.5



Air Toxics

Client Sample ID: IA-3253

Lab ID#: 1203048-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030318sim	Date of Collection: 2/29/12 11:30:00 AM
Dil. Factor:	1.83	Date of Analysis: 3/3/12 09:33 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.37	0.25	2.5
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203048-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030306sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 12:18 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203048-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030302sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 09:13 AM

Compound	%Recovery
Vinyl Chloride	79
cis-1,2-Dichloroethene	82
Trichloroethene	86
Tetrachloroethene	89
trans-1,2-Dichloroethene	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130

Client Sample ID: LCS

Lab ID#: 1203048-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030303sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 09:59 AM

Compound	%Recovery
Vinyl Chloride	84
cis-1,2-Dichloroethene	86
Trichloroethene	89
Tetrachloroethene	90
trans-1,2-Dichloroethene	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203048-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030304sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 10:42 AM

Compound	%Recovery
Vinyl Chloride	83
cis-1,2-Dichloroethene	85
Trichloroethene	87
Tetrachloroethene	88
trans-1,2-Dichloroethene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	102	70-130

3/15/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203049

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/1/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

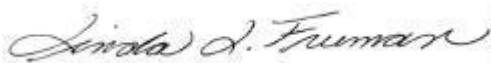
Project Manager

WORK ORDER #: 1203049

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/01/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/15/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-3787-1	Modified TO-15 SIM	10.5 "Hg	5 psi
02A	IA-DUP 1	Modified TO-15 SIM	10.0 "Hg	5 psi
03A	IA-3787-2	Modified TO-15 SIM	10.0 "Hg	5 psi
04A	Lab Blank	Modified TO-15 SIM	NA	NA
05A	CCV	Modified TO-15 SIM	NA	NA
06A	LCS	Modified TO-15 SIM	NA	NA
06AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/15/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203049

Three 6 Liter Summa Canister (SIM Certified) samples were received on March 01, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for samples IA-3787-1, IA-DUP 1, and IA-3787-2. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-3787-1

Lab ID#: 1203049-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.041	0.27	0.28	1.8

Client Sample ID: IA-DUP 1

Lab ID#: 1203049-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.040	0.26	0.27	1.8

Client Sample ID: IA-3787-2

Lab ID#: 1203049-03A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.040	0.29	0.27	1.9



Air Toxics

Client Sample ID: IA-3787-1

Lab ID#: 1203049-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030314sim	Date of Collection: 2/26/12 10:10:00 AM
Dil. Factor:	2.06	Date of Analysis: 3/3/12 06:26 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.021	Not Detected	0.053	Not Detected
cis-1,2-Dichloroethene	0.041	Not Detected	0.16	Not Detected
Trichloroethene	0.041	Not Detected	0.22	Not Detected
Tetrachloroethene	0.041	0.27	0.28	1.8
trans-1,2-Dichloroethene	0.21	Not Detected	0.82	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	103	70-130



Air Toxics

Client Sample ID: IA-DUP 1

Lab ID#: 1203049-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030315sim	Date of Collection: 2/26/12 10:10:00 AM
Dil. Factor:	2.01	Date of Analysis: 3/3/12 07:07 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.051	Not Detected
cis-1,2-Dichloroethene	0.040	Not Detected	0.16	Not Detected
Trichloroethene	0.040	Not Detected	0.22	Not Detected
Tetrachloroethene	0.040	0.26	0.27	1.8
trans-1,2-Dichloroethene	0.20	Not Detected	0.80	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: IA-3787-2

Lab ID#: 1203049-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030316sim	Date of Collection: 2/26/12 10:10:00 AM
Dil. Factor:	2.01	Date of Analysis: 3/3/12 07:54 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.051	Not Detected
cis-1,2-Dichloroethene	0.040	Not Detected	0.16	Not Detected
Trichloroethene	0.040	Not Detected	0.22	Not Detected
Tetrachloroethene	0.040	0.29	0.27	1.9
trans-1,2-Dichloroethene	0.20	Not Detected	0.80	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1203049-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030306sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 12:18 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	102	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1203049-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030302sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 09:13 AM

Compound	%Recovery
Vinyl Chloride	79
cis-1,2-Dichloroethene	82
Trichloroethene	86
Tetrachloroethene	89
trans-1,2-Dichloroethene	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	101	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203049-06A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030303sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 09:59 AM

Compound	%Recovery
Vinyl Chloride	84
cis-1,2-Dichloroethene	86
Trichloroethene	89
Tetrachloroethene	90
trans-1,2-Dichloroethene	97

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203049-06AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030304sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/3/12 10:42 AM

Compound	%Recovery
Vinyl Chloride	83
cis-1,2-Dichloroethene	85
Trichloroethene	87
Tetrachloroethene	88
trans-1,2-Dichloroethene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	102	70-130

3/17/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1203061

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 3/2/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

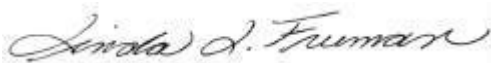
Project Manager

WORK ORDER #: 1203061

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-02
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	03/02/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	03/17/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-1501	Modified TO-15 SIM	8.0 "Hg	5 psi
02A	IA-DUP3	Modified TO-15 SIM	11.0 "Hg	5 psi
03A	Lab Blank	Modified TO-15 SIM	NA	NA
04A	CCV	Modified TO-15 SIM	NA	NA
05A	LCS	Modified TO-15 SIM	NA	NA
05AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 03/17/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1203061

Two 6 Liter Summa Canister (SIM Certified) samples were received on March 02, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to <math>< 40\%</math> RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to <math>< 40\%</math> RSD
Daily Calibration	+/- 30% Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for samples IA-1501 and IA-DUP3. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-1501

Lab ID#: 1203061-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	0.82	0.25	5.5

Client Sample ID: IA-DUP3

Lab ID#: 1203061-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.042	1.0	0.29	7.0



Air Toxics

Client Sample ID: IA-1501

Lab ID#: 1203061-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030407sim	Date of Collection: 2/29/12 4:00:00 PM
Dil. Factor:	1.83	Date of Analysis: 3/4/12 12:57 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.82	0.25	5.5
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: IA-DUP3

Lab ID#: 1203061-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030408sim	Date of Collection: 2/29/12 4:00:00 PM
Dil. Factor:	2.12	Date of Analysis: 3/4/12 01:35 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.021	Not Detected	0.054	Not Detected
cis-1,2-Dichloroethene	0.042	Not Detected	0.17	Not Detected
Trichloroethene	0.042	Not Detected	0.23	Not Detected
Tetrachloroethene	0.042	1.0	0.29	7.0
trans-1,2-Dichloroethene	0.21	Not Detected	0.84	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130

Client Sample ID: Lab Blank

Lab ID#: 1203061-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030406sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/4/12 12:04 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	104	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	105	70-130

Client Sample ID: CCV

Lab ID#: 1203061-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030402sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/4/12 08:26 AM

Compound	%Recovery
Vinyl Chloride	79
cis-1,2-Dichloroethene	82
Trichloroethene	85
Tetrachloroethene	87
trans-1,2-Dichloroethene	84

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	102	70-130
Toluene-d8	101	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1203061-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030403sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/4/12 09:02 AM

Compound	%Recovery
Vinyl Chloride	82
cis-1,2-Dichloroethene	84
Trichloroethene	87
Tetrachloroethene	87
trans-1,2-Dichloroethene	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1203061-05AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	a030404sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 3/4/12 10:05 AM

Compound	%Recovery
Vinyl Chloride	82
cis-1,2-Dichloroethene	84
Trichloroethene	87
Tetrachloroethene	87
trans-1,2-Dichloroethene	95

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	104	70-130

5/11/2012
Mr. James Elliot
Tetra Tech
301 Mentor Drive
Suite A
Santa Barbara CA 93111

Project Name: Paradise Palms
Project #:
Workorder #: 1204638

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 4/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



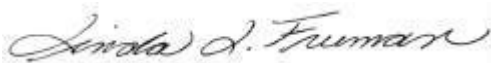
Kyle Vagadori
Project Manager

WORK ORDER #: 1204638

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-03
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	04/30/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	05/11/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-3770	Modified TO-15 SIM	9.0 "Hg	5 psi
02A	IA-DUP2	Modified TO-15 SIM	9.5 "Hg	5 psi
03A	Lab Blank	Modified TO-15 SIM	NA	NA
04A	CCV	Modified TO-15 SIM	NA	NA
05A	LCS	Modified TO-15 SIM	NA	NA
05AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 05/11/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1204638

Two 6 Liter Summa Canister (SIM Certified) samples were received on April 30, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the reporting limit.
- UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM**

Client Sample ID: IA-3770

Lab ID#: 1204638-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.038	0.70	0.26	4.7

Client Sample ID: IA-DUP2

Lab ID#: 1204638-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.039	0.72	0.26	4.8



Air Toxics

Client Sample ID: IA-3770

Lab ID#: 1204638-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050217sim	Date of Collection: 4/26/12 3:00:00 PM
Dil. Factor:	1.91	Date of Analysis: 5/2/12 10:14 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.049	Not Detected
cis-1,2-Dichloroethene	0.038	Not Detected	0.15	Not Detected
Trichloroethene	0.038	Not Detected	0.20	Not Detected
Tetrachloroethene	0.038	0.70	0.26	4.7
trans-1,2-Dichloroethene	0.19	Not Detected	0.76	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	110	70-130



Air Toxics

Client Sample ID: IA-DUP2

Lab ID#: 1204638-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050218sim	Date of Collection:	4/26/12 3:00:00 PM
Dil. Factor:	1.96	Date of Analysis:	5/2/12 10:57 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	Not Detected	0.21	Not Detected
Tetrachloroethene	0.039	0.72	0.26	4.8
trans-1,2-Dichloroethene	0.20	Not Detected	0.78	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	110	70-130

Client Sample ID: Lab Blank

Lab ID#: 1204638-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 01:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130

Client Sample ID: CCV

Lab ID#: 1204638-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 09:23 AM

Compound	%Recovery
Vinyl Chloride	104
cis-1,2-Dichloroethene	106
Trichloroethene	101
Tetrachloroethene	107
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1204638-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 11:12 AM

Compound	%Recovery
Vinyl Chloride	88
cis-1,2-Dichloroethene	94
Trichloroethene	88
Tetrachloroethene	92
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1204638-05AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 12:32 PM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	92
Trichloroethene	86
Tetrachloroethene	90
trans-1,2-Dichloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

5/13/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1204639

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 4/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

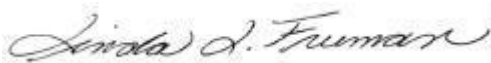
Project Manager

WORK ORDER #: 1204639

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	04/30/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	05/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	Background-042512	Modified TO-15 SIM	9.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 05/13/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1204639

One 6 Liter Summa Canister (SIM Certified) sample was received on April 30, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the reporting limit.
- UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: Background-042512

Lab ID#: 1204639-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.038	0.040	0.26	0.27



Air Toxics

Client Sample ID: Background-042512

Lab ID#: 1204639-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050219sim	Date of Collection: 4/26/12 11:30:00 AM
Dil. Factor:	1.91	Date of Analysis: 5/2/12 11:55 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.049	Not Detected
cis-1,2-Dichloroethene	0.038	Not Detected	0.15	Not Detected
Trichloroethene	0.038	Not Detected	0.20	Not Detected
Tetrachloroethene	0.038	0.040	0.26	0.27
trans-1,2-Dichloroethene	0.19	Not Detected	0.76	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	101	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1204639-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 01:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1204639-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 09:23 AM

Compound	%Recovery
Vinyl Chloride	104
cis-1,2-Dichloroethene	106
Trichloroethene	101
Tetrachloroethene	107
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130

Client Sample ID: LCS

Lab ID#: 1204639-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 11:12 AM

Compound	%Recovery
Vinyl Chloride	88
cis-1,2-Dichloroethene	94
Trichloroethene	88
Tetrachloroethene	92
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1204639-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 12:32 PM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	92
Trichloroethene	86
Tetrachloroethene	90
trans-1,2-Dichloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

5/13/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1204640

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 4/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

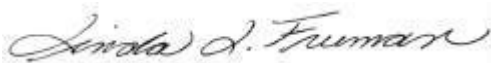
Project Manager

WORK ORDER #: 1204640

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-03
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	04/30/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	05/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-3939	Modified TO-15 SIM	8.0 "Hg	5 psi
01AA	IA-3939 Lab Duplicate	Modified TO-15 SIM	8.0 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 05/13/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1204640

One 6 Liter Summa Canister (SIM Certified) sample was received on April 30, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the reporting limit.
- UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

**Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM**

Client Sample ID: IA-3939

Lab ID#: 1204640-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	0.84	0.25	5.7

Client Sample ID: IA-3939 Lab Duplicate

Lab ID#: 1204640-01AA

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.037	0.84	0.25	5.7



Air Toxics

Client Sample ID: IA-3939

Lab ID#: 1204640-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050216sim	Date of Collection: 4/26/12 11:30:00 AM
Dil. Factor:	1.83	Date of Analysis: 5/2/12 09:29 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.84	0.25	5.7
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	109	70-130



Air Toxics

Client Sample ID: IA-3939 Lab Duplicate

Lab ID#: 1204640-01AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050224sim	Date of Collection:	4/26/12 11:30:00 AM
Dil. Factor:	1.83	Date of Analysis:	5/3/12 03:49 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.018	Not Detected	0.047	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.14	Not Detected
Trichloroethene	0.037	Not Detected	0.20	Not Detected
Tetrachloroethene	0.037	0.84	0.25	5.7
trans-1,2-Dichloroethene	0.18	Not Detected	0.72	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	99	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	109	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1204640-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 01:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1204640-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 09:23 AM

Compound	%Recovery
Vinyl Chloride	104
cis-1,2-Dichloroethene	106
Trichloroethene	101
Tetrachloroethene	107
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1204640-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 11:12 AM

Compound	%Recovery
Vinyl Chloride	88
cis-1,2-Dichloroethene	94
Trichloroethene	88
Tetrachloroethene	92
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1204640-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 12:32 PM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	92
Trichloroethene	86
Tetrachloroethene	90
trans-1,2-Dichloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

5/13/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1204641

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 4/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

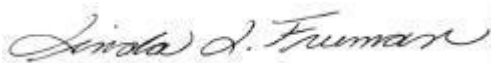
Project Manager

WORK ORDER #: 1204641

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-03
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	04/30/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	05/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-1028	Modified TO-15 SIM	9.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 05/13/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089,
 NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1204641

One 6 Liter Summa Canister (SIM Certified) sample was received on April 30, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-1028. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-1028

Lab ID#: 1204641-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.039	0.065	0.26	0.44



Air Toxics

Client Sample ID: IA-1028

Lab ID#: 1204641-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050225sim	Date of Collection:	4/26/12 5:00:00 PM
Dil. Factor:	1.96	Date of Analysis:	5/3/12 04:43 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	Not Detected	0.21	Not Detected
Tetrachloroethene	0.039	0.065	0.26	0.44
trans-1,2-Dichloroethene	0.20	Not Detected	0.78	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	110	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1204641-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 01:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1204641-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 09:23 AM

Compound	%Recovery
Vinyl Chloride	104
cis-1,2-Dichloroethene	106
Trichloroethene	101
Tetrachloroethene	107
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1204641-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 11:12 AM

Compound	%Recovery
Vinyl Chloride	88
cis-1,2-Dichloroethene	94
Trichloroethene	88
Tetrachloroethene	92
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1204641-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 12:32 PM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	92
Trichloroethene	86
Tetrachloroethene	90
trans-1,2-Dichloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

5/13/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1204642

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 4/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

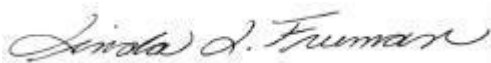
Project Manager

WORK ORDER #: 1204642

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-03
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	04/30/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	05/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-4878	Modified TO-15 SIM	10.5 "Hg	5 psi
02A	IA-DUP1	Modified TO-15 SIM	10.0 "Hg	5 psi
03A	Lab Blank	Modified TO-15 SIM	NA	NA
04A	CCV	Modified TO-15 SIM	NA	NA
05A	LCS	Modified TO-15 SIM	NA	NA
05AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 05/13/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1204642

Two 6 Liter Summa Canister (SIM Certified) samples were received on April 30, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-DUP1. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-4878

Lab ID#: 1204642-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.041	2.0	0.28	14

Client Sample ID: IA-DUP1

Lab ID#: 1204642-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.040	2.1	0.27	14



Air Toxics

Client Sample ID: IA-4878

Lab ID#: 1204642-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050222sim	Date of Collection: 4/26/12 4:00:00 PM
Dil. Factor:	2.06	Date of Analysis: 5/3/12 02:10 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.021	Not Detected	0.053	Not Detected
cis-1,2-Dichloroethene	0.041	Not Detected	0.16	Not Detected
Trichloroethene	0.041	Not Detected	0.22	Not Detected
Tetrachloroethene	0.041	2.0	0.28	14
trans-1,2-Dichloroethene	0.21	Not Detected	0.82	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: IA-DUP1

Lab ID#: 1204642-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050223sim	Date of Collection:	4/26/12 4:00:00 PM
Dil. Factor:	2.01	Date of Analysis:	5/3/12 02:59 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.051	Not Detected
cis-1,2-Dichloroethene	0.040	Not Detected	0.16	Not Detected
Trichloroethene	0.040	Not Detected	0.22	Not Detected
Tetrachloroethene	0.040	2.1	0.27	14
trans-1,2-Dichloroethene	0.20	Not Detected	0.80	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	100	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	108	70-130

Client Sample ID: Lab Blank

Lab ID#: 1204642-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 01:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130

Client Sample ID: CCV

Lab ID#: 1204642-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 09:23 AM

Compound	%Recovery
Vinyl Chloride	104
cis-1,2-Dichloroethene	106
Trichloroethene	101
Tetrachloroethene	107
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1204642-05A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 11:12 AM

Compound	%Recovery
Vinyl Chloride	88
cis-1,2-Dichloroethene	94
Trichloroethene	88
Tetrachloroethene	92
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1204642-05AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 12:32 PM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	92
Trichloroethene	86
Tetrachloroethene	90
trans-1,2-Dichloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

5/13/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1204643

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 4/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

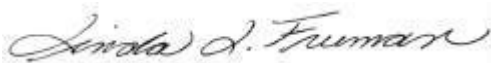
Project Manager

WORK ORDER #: 1204643

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-03
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	04/30/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	05/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-1567	Modified TO-15 SIM	10.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 05/13/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1204643

One 6 Liter Summa Canister (SIM Certified) sample was received on April 30, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Sample collection date was incomplete on the Chain of Custody for sample IA-1567. The year of collection was assumed to be 2012.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV and/or LCS.

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-1567

Lab ID#: 1204643-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.041	7.2	0.28	49



Air Toxics

Client Sample ID: IA-1567

Lab ID#: 1204643-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050226sim	Date of Collection: 4/26/12 6:00:00 PM
Dil. Factor:	2.06	Date of Analysis: 5/3/12 05:34 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.021	Not Detected	0.053	Not Detected
cis-1,2-Dichloroethene	0.041	Not Detected	0.16	Not Detected
Trichloroethene	0.041	Not Detected	0.22	Not Detected
Tetrachloroethene	0.041	7.2	0.28	49
trans-1,2-Dichloroethene	0.21	Not Detected	0.82	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1204643-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050207sim	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	5/2/12 01:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1204643-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 09:23 AM

Compound	%Recovery
Vinyl Chloride	104
cis-1,2-Dichloroethene	106
Trichloroethene	101
Tetrachloroethene	107
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1204643-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 11:12 AM

Compound	%Recovery
Vinyl Chloride	88
cis-1,2-Dichloroethene	94
Trichloroethene	88
Tetrachloroethene	92
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1204643-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 12:32 PM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	92
Trichloroethene	86
Tetrachloroethene	90
trans-1,2-Dichloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

5/13/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1204644

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 4/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

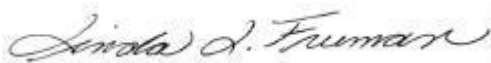
Project Manager

WORK ORDER #: 1204644

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-03
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	04/30/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	05/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-3313	Modified TO-15 SIM	11.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 05/13/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1204644

One 6 Liter Summa Canister (SIM Certified) sample was received on April 30, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the reporting limit.
- UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-3313

Lab ID#: 1204644-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.022	0.029	0.055	0.075
Tetrachloroethene	0.043	1.6	0.29	11



Air Toxics

Client Sample ID: IA-3313

Lab ID#: 1204644-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050220sim	Date of Collection: 4/26/12 10:30:00 AM
Dil. Factor:	2.17	Date of Analysis: 5/3/12 12:40 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.022	0.029	0.055	0.075
cis-1,2-Dichloroethene	0.043	Not Detected	0.17	Not Detected
Trichloroethene	0.043	Not Detected	0.23	Not Detected
Tetrachloroethene	0.043	1.6	0.29	11
trans-1,2-Dichloroethene	0.22	Not Detected	0.86	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	103	70-130
Toluene-d8	96	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1204644-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 01:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1204644-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 09:23 AM

Compound	%Recovery
Vinyl Chloride	104
cis-1,2-Dichloroethene	106
Trichloroethene	101
Tetrachloroethene	107
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1204644-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 11:12 AM

Compound	%Recovery
Vinyl Chloride	88
cis-1,2-Dichloroethene	94
Trichloroethene	88
Tetrachloroethene	92
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1204644-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 12:32 PM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	92
Trichloroethene	86
Tetrachloroethene	90
trans-1,2-Dichloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

5/13/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1204645

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 4/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

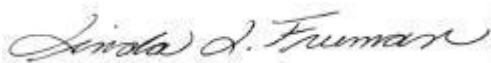
Project Manager

WORK ORDER #: 1204645

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-03
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	04/30/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	05/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-2759	Modified TO-15 SIM	9.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 05/13/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1204645

One 6 Liter Summa Canister (SIM Certified) sample was received on April 30, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the reporting limit.
- UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-2759

Lab ID#: 1204645-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.039	0.73	0.26	5.0



Air Toxics

Client Sample ID: IA-2759

Lab ID#: 1204645-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050221sim	Date of Collection: 4/26/12 10:40:00 AM
Dil. Factor:	1.96	Date of Analysis: 5/3/12 01:24 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	Not Detected	0.21	Not Detected
Tetrachloroethene	0.039	0.73	0.26	5.0
trans-1,2-Dichloroethene	0.20	Not Detected	0.78	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1204645-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 01:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1204645-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 09:23 AM

Compound	%Recovery
Vinyl Chloride	104
cis-1,2-Dichloroethene	106
Trichloroethene	101
Tetrachloroethene	107
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1204645-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 11:12 AM

Compound	%Recovery
Vinyl Chloride	88
cis-1,2-Dichloroethene	94
Trichloroethene	88
Tetrachloroethene	92
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1204645-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 12:32 PM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	92
Trichloroethene	86
Tetrachloroethene	90
trans-1,2-Dichloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

5/13/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1204646

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 4/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

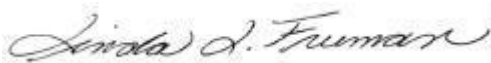
Project Manager

WORK ORDER #: 1204646

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-03
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	04/30/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	05/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-2681	Modified TO-15 SIM	8.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 
 Laboratory Director

DATE: 05/13/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1204646

One 6 Liter Summa Canister (SIM Certified) sample was received on April 30, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the reporting limit.
- UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-2681

Lab ID#: 1204646-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Trichloroethene	0.037	0.082	0.20	0.44
Tetrachloroethene	0.037	0.36	0.25	2.4



Air Toxics

Client Sample ID: IA-2681

Lab ID#: 1204646-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050227sim	Date of Collection: 4/26/12 12:15:00 PM
Dil. Factor:	1.87	Date of Analysis: 5/3/12 06:20 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.019	Not Detected	0.048	Not Detected
cis-1,2-Dichloroethene	0.037	Not Detected	0.15	Not Detected
Trichloroethene	0.037	0.082	0.20	0.44
Tetrachloroethene	0.037	0.36	0.25	2.4
trans-1,2-Dichloroethene	0.19	Not Detected	0.74	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	98	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	108	70-130



Air Toxics

Client Sample ID: Lab Blank

Lab ID#: 1204646-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 01:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1204646-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 09:23 AM

Compound	%Recovery
Vinyl Chloride	104
cis-1,2-Dichloroethene	106
Trichloroethene	101
Tetrachloroethene	107
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1204646-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 11:12 AM

Compound	%Recovery
Vinyl Chloride	88
cis-1,2-Dichloroethene	94
Trichloroethene	88
Tetrachloroethene	92
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130



Air Toxics

Client Sample ID: LCSD

Lab ID#: 1204646-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 12:32 PM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	92
Trichloroethene	86
Tetrachloroethene	90
trans-1,2-Dichloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

5/13/2012

Mr. James Elliot

Tetra Tech

301 Mentor Drive

Suite A

Santa Barbara CA 93111

Project Name: Paradise Palms

Project #:

Workorder #: 1204647

Dear Mr. James Elliot

The following report includes the data for the above referenced project for sample(s) received on 4/30/2012 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-15 SIM are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Air Toxics Ltd. for your air analysis needs. Air Toxics Ltd. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Kyle Vagadori at 916-985-1000 if you have any questions regarding the data in this report.

Regards,



Kyle Vagadori

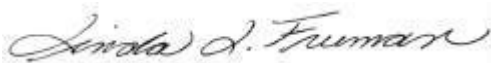
Project Manager

WORK ORDER #: 1204647

Work Order Summary

CLIENT:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111	BILL TO:	Mr. James Elliot Tetra Tech 301 Mentor Drive Suite A Santa Barbara, CA 93111
PHONE:	805-681-3100x167	P.O. #	100-SBA-T28919-03
FAX:	805-681-3108	PROJECT #	Paradise Palms
DATE RECEIVED:	04/30/2012	CONTACT:	Kyle Vagadori
DATE COMPLETED:	05/13/2012		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT VAC./PRES.</u>	<u>FINAL PRESSURE</u>
01A	IA-2124	Modified TO-15 SIM	9.5 "Hg	5 psi
02A	Lab Blank	Modified TO-15 SIM	NA	NA
03A	CCV	Modified TO-15 SIM	NA	NA
04A	LCS	Modified TO-15 SIM	NA	NA
04AA	LCSD	Modified TO-15 SIM	NA	NA

CERTIFIED BY: 

 Laboratory Director

DATE: 05/13/12

Certification numbers: AZ Licensure AZ0719, CA NELAP - 02110CA, LA NELAP - 02089, NY NELAP - 11291, TX NELAP - T104704434-11-3, UT NELAP -CA009332011-1, WA NELAP - C935
 Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
 Accreditation number: E87680, Effective date: 07/01/11 , Expiration date: 06/30/12.

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards
 This report shall not be reproduced, except in full, without the written approval of Eurofins | Air Toxics, Inc.

180 BLUE RAVINE ROAD, SUITE B FOLSOM, CA - 95630
 (916) 985-1000 . (800) 985-5955 . FAX (916) 985-1020

LABORATORY NARRATIVE
Modified TO-15 SIM
Tetra Tech
Workorder# 1204647

One 6 Liter Summa Canister (SIM Certified) sample was received on April 30, 2012. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the SIM acquisition mode.

This workorder was independently validated prior to submittal using 'USEPA National Functional Guidelines' as generally applied to the analysis of volatile organic compounds in air. A rules-based, logic driven, independent validation engine was employed to assess completeness, evaluate pass/fail of relevant project quality control requirements and verification of all quantified amounts.

Method modifications taken to run these samples are summarized in the table below. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
ICAL %RSD acceptance criteria	$\leq 30\%$ RSD with 2 compounds allowed out to $< 40\%$ RSD	Project specific; default criteria is $\leq 30\%$ RSD with 10% of compounds allowed out to $< 40\%$ RSD
Daily Calibration	$\pm 30\%$ Difference	Project specific; default criteria is $\leq 30\%$ Difference with 10% of compounds allowed out up to $\leq 40\%$.; flag and narrate outliers
Blank and standards	Zero air	Nitrogen
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

There were no receiving discrepancies.

Analytical Notes

There were no analytical discrepancies.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

- B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).
- J - Estimated value.
- E - Exceeds instrument calibration range.
- S - Saturated peak.
- Q - Exceeds quality control limits.
- U - Compound analyzed for but not detected above the reporting limit.
- UJ- Non-detected compound associated with low bias in the CCV and/or LCS.
- N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates

as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue



Air Toxics

Summary of Detected Compounds MODIFIED EPA METHOD TO-15 GC/MS SIM

Client Sample ID: IA-2124

Lab ID#: 1204647-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Tetrachloroethene	0.039	5.7	0.26	39



Air Toxics

Client Sample ID: IA-2124

Lab ID#: 1204647-01A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050228sim	Date of Collection: 4/26/12 9:30:00 AM
Dil. Factor:	1.96	Date of Analysis: 5/3/12 07:05 AM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.020	Not Detected	0.050	Not Detected
cis-1,2-Dichloroethene	0.039	Not Detected	0.16	Not Detected
Trichloroethene	0.039	Not Detected	0.21	Not Detected
Tetrachloroethene	0.039	5.7	0.26	39
trans-1,2-Dichloroethene	0.20	Not Detected	0.78	Not Detected

Container Type: 6 Liter Summa Canister (SIM Certified)

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	97	70-130
4-Bromofluorobenzene	111	70-130

Client Sample ID: Lab Blank

Lab ID#: 1204647-02A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050207sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 01:58 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (ug/m3)	Amount (ug/m3)
Vinyl Chloride	0.010	Not Detected	0.026	Not Detected
cis-1,2-Dichloroethene	0.020	Not Detected	0.079	Not Detected
Trichloroethene	0.020	Not Detected	0.11	Not Detected
Tetrachloroethene	0.020	Not Detected	0.14	Not Detected
trans-1,2-Dichloroethene	0.10	Not Detected	0.40	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	97	70-130
Toluene-d8	98	70-130
4-Bromofluorobenzene	107	70-130



Air Toxics

Client Sample ID: CCV

Lab ID#: 1204647-03A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050202sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 09:23 AM

Compound	%Recovery
Vinyl Chloride	104
cis-1,2-Dichloroethene	106
Trichloroethene	101
Tetrachloroethene	107
trans-1,2-Dichloroethene	107

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	106	70-130



Air Toxics

Client Sample ID: LCS

Lab ID#: 1204647-04A

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050204sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 11:12 AM

Compound	%Recovery
Vinyl Chloride	88
cis-1,2-Dichloroethene	94
Trichloroethene	88
Tetrachloroethene	92
trans-1,2-Dichloroethene	104

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	89	70-130
Toluene-d8	100	70-130
4-Bromofluorobenzene	105	70-130

Client Sample ID: LCSD

Lab ID#: 1204647-04AA

MODIFIED EPA METHOD TO-15 GC/MS SIM

File Name:	e050205sim	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 5/2/12 12:32 PM

Compound	%Recovery
Vinyl Chloride	86
cis-1,2-Dichloroethene	92
Trichloroethene	86
Tetrachloroethene	90
trans-1,2-Dichloroethene	102

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
1,2-Dichloroethane-d4	88	70-130
Toluene-d8	99	70-130
4-Bromofluorobenzene	104	70-130

REDACTED

APPENDIX C - Chain of Custody Forms



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T20919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: Date: Pressurization Gas: N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>014</u>	<u>IA-2838</u>	<u>34475</u>	<u>2/25-2/26</u>	<u>1600-1500</u>	<u>TO-15 SIM</u>	<u>-28.0</u>	<u>-7.0</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>PPD EX</u>		<u>NA</u>	<u>Seal</u>	Yes No <u>None</u>	<u>1003028</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

**180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020**

Project Manager James Elliot
 Collected by: (Print and Sign) John Felb
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: <u>N₂</u> He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-4263</u>	<u>25276</u>	<u>2/25-2/26</u>	<u>1300-1200</u>	<u>TO-15 SIM</u>	<u>-0.5</u>	<u>-0.5</u>		
<i>(The rest of the table is crossed out with a diagonal line)</i>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>PEP Ex</u>		<u>NA</u>	<u>[Signature]</u>	Yes No <u>None</u>	<u>1003031</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felb
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: Date: Pressurization Gas: N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psl)
<u>01A</u>	<u>IA-2498</u>	<u>33540</u>	<u>2/25-2/26</u>	<u>1100-1000</u>	<u>TO-15 SIM</u>	<u>-29.5</u>	<u>-29.5</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>TD Ex</u>		<u>NA</u>	<u>Good</u>	Yes No <u>None</u>	<u>1203032</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: <u>N₂</u> <u>He</u>
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-4691</u>	<u>1477</u>	<u>2/25-2/26</u>	<u>10:00-09:00</u>	<u>TO-15 SIM</u>	<u>-27.5</u>	<u>-7.0</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Felts</u>		<u>NA</u>	<u>Seal</u>	Yes No <u>None</u>	<u>1103033</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

**180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020**

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
OIA	IA-3029	33656	2/25-2/26	1500-1400	TO-15 SIM	-27.0	-6.0		
<i>(A large diagonal line is drawn across the table with a circled 'JF' in the center.)</i>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>Tetra Tech</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Seal</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>1123039</u>
--------------	--------------------------------	------------------	----------------------	-----------------------	------------------------------------------	-----------------------------



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

**180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020**

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-4638</u>	<u>13859</u>	<u>2/25-2/26</u>	<u>1700-1600</u>	<u>TO-15 SIM</u>	<u>-30.0</u>	<u>-9.5</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>ATL 3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FED EX</u>		<u>N/A</u>	<u>SCD</u>	Yes No <u>None</u>	<u>1708041</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felb
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: <u>N₂</u> He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>Background - 022512</u>	<u>33549</u>	<u>2/25-2/26</u>	<u>13:00-12:00</u>	<u>TO-15 SIM</u>	<u>-29.0</u>	<u>-7.5</u>		
<i>(The rest of the table is crossed out with a diagonal line)</i>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Fed Ex</u>		<u>NA</u>	<u>Good</u>	Yes No <u>None</u>	<u>103044</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felb
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-1270</u>	<u>33538</u>	<u>2/25-2/26</u>	<u>1400-1310</u>	<u>TO-15 SIM</u>	<u>-29.5</u>	<u>-7.5</u>		

JE

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FBI Ex</u>		<u>NA</u>	<u>300</u>	Yes No <u>None</u>	<u>03045</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: Date: Pressurization Gas: N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
O1A	IA-3787-1	5783	2/25-2/26	1200-1010	TO-15 SIM	-29.5	-9.5		
O2A	IA-DUP 1	12716	2/25-2/26	1200-1010	TO-15 SIM	-29.5	-9.5		
S3A	IA-3787-2	22677	2/25-2/26	1200-1010	TO-15 SIM	-29.0	-9.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FELT</u>		<u>N/A</u>	<u>Seal</u>	Yes No <u>None</u>	<u>13040</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

**180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020**

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
OIA	IA-4721	4242	2/26-2/27	1700-1630	TO-15 SIM	-29.0	-7.0		
CCA	IA-DUP2	34378 (CP)	2/26-2/27	1700-1630	TO-15 SIM	-28.0	-7.0		
		34387							
<i>(Large handwritten scribble)</i>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FED Ex</u>		<u>NA</u>	<u>Good</u>	Yes No <u>None</u>	<u>3030</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felb
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: <u>N₂</u> <u>He</u>
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>OIA</u>	<u>IA-4728</u>	<u>926</u>	<u>2/26-2/27</u>	<u>1300-1200</u>	<u>TO-15 SIM</u>	<u>-28.5</u>	<u>-5.5</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FRED EX</u>	Air Bill # _____	Temp (°C) <u>NA</u>	Condition <u>[Signature]</u>	Custody Seals Intact? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> None <input type="checkbox"/>	Work Order # <u>103034</u>
---------------------	-----------------------------	------------------	---------------------	------------------------------	-------------------------------------------------------------------------------------------------------------------------	----------------------------



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felb
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info:	Turn Around Time:	Lab Use Only
		Pressurized by:
P.O. # <u>100-SBA-T28919-02</u>	<input checked="" type="checkbox"/> Normal	Date:
Project # _____	<input type="checkbox"/> Rush	Pressurization Gas:
Project Name <u>Paradise Palms</u>	specify _____	N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
DIA	IA-2301	940	2/26/12-2/27	1600-1500	TO-15 SIM	-28.0	-7.0		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FedEx</u>		<u>NA</u>	<u>Good</u>	Yes No <u>None</u>	<u>103040</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

**180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020**

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felb
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-3987</u>	<u>23926</u>	<u>2/27-2/28</u>	<u>0900-0930</u>	<u>70-15 SIM</u>	<u>-28.0</u>	<u>-7.0</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FEV FC</u>		<u>N/A</u>	<u>SCG</u>	Yes No <u>None</u>	<u>103024</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felb
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: Date: Pressurization Gas: N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>014</u>	<u>IA-4129</u>	<u>33327</u>	<u>2/27-2/28</u>	<u>1030-0930</u>	<u>TO-15 SIM</u>	<u>-28.0</u>	<u>4.5</u>		
<i>(A large diagonal line is drawn across the table, with a circled signature 'JF' in the center.)</i>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FELIX</u>	Air Bill # _____	Temp (°C) <u>NA</u>	Condition <u>GOOD</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>03025</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

**180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020**

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: <u>N₂</u> <u>He</u>
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-4523</u>	<u>31433</u>	<u>2/27-2/28</u>	<u>0830-0800</u>	<u>T0-15 SIM</u>	<u>-27.5</u>	<u>-7.0</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FED Ex</u>		<u>10</u>	<u>Good</u>	Yes No <u>None</u>	<u>103026</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

**180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020**

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felb
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Lab Use Only Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>Background-022712</u>	<u>33915</u>	<u>2/27-2/28</u>	<u>0830-0800</u>	<u>TU-15 SIM</u>	<u>-29.0</u>	<u>-9.5</u>		
_____ _____ _____ _____ _____ _____ _____ _____ _____ _____									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes: <u>Sample may contain moisture because of scattered and isolated showers/rain overnight</u>
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Tetra Tech</u>		<u>N/A</u>	<u>Good</u>	Yes No <u>None</u>	<u>103027</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

**180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020**

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info:	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Lab Use Only Pressurized by:
		Date:
P.O. # <u>100-SBA-T28919-02</u>		Pressurization Gas: <u>N₂</u> <u>He</u>
Project # _____		
Project Name <u>Paradise Palms</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psl)
<u>01A</u>	<u>IA-2093</u>	<u>5482</u>	<u>2/27-2/28</u>	<u>1130-1030</u>	<u>TO-15 SIM</u>	<u>-28.0</u>	<u>-9.0</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/29/12 1500</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>PRD Ex</u>		<u>NA</u>	<u>200</u>	Yes No <u>None</u>	<u>1603035</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

**180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020**

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info:	Turn Around Time:	<i>Lab Use Only</i>
	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	Pressurized by: Date: Pressurization Gas: N ₂ He
P.O. # <u>100-SBA-T28919-02</u>	Project # _____	
Project Name <u>Paradise Palms</u>		

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psl)
OIA	IA-3882	34197	2/27-2/28	1500-1400	TO-15 SIM	-28.0	-8.0		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/29/12 1500</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FEV Ex</u>		<u>NA</u>	<u>SEALED</u>	Yes No <u>None</u>	<u>103038</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>DIA</u>	<u>IA-1553</u>	<u>5708</u>	<u>2/27-2/28</u>	<u>1730-1630</u>	<u>T0-15 SIM</u>	<u>-28.0</u>	<u>-8.0</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/29/12 1500</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Fed Ex</u>		<u>NA</u>	<u>GC</u>	Yes No <u>None</u>	<u>13042</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Feib
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: Date: Pressurization Gas: N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	FA-3330	9921	2/27-2/28	1400-1720	TO-15 SIM	-27.5	-5.0		
(JF)									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/29/12 1500</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FEDEX</u>		<u>NA</u>	<u>Seal</u>	Yes No <u>None</u>	<u>1203043</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>OIA</u>	<u>Background - 022612</u>	<u>20938</u>	<u>2/26-2/27</u>	<u>1300-1200</u>	<u>TO-15 SIM</u>	<u>-28.0</u>	<u>-5.5</u>		
<u>JE</u>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/28/12 1600</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Felts Co.</u>		<u>16</u>	<u>52.0</u>	Yes No <u>None</u>	<u>03040</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psl)
01A	IA-1643	12003	2/28-2/29	1000-0900	TO-15 SIM	-28.5	-5.5		
<i>(Handwritten signature: JF)</i>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/29/12 1500</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Fed Ex</u>		<u>N/A</u>	<u>Good</u>	Yes No <u>None</u>	<u>1003029</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
	<small>specify</small>	

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
DIA	Background-022812	13668	2/28-2/29	1000-0900	TO-15 SIM	-28.5	-5.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/29/12 1500</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FED Ex</u>	Air Bill # _____	Temp (°C) <u>NA</u>	Condition <u>Good</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>3037</u>
--------------	----------------------------	------------------	---------------------	-----------------------	------------------------------------------	--------------------------



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Feib
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: Date: Pressurization Gas: N ₂ He
	<small>specify</small>	

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-4774</u>	<u>1566</u>	<u>2/28-2/29</u>	<u>1100-1000</u>	<u>TO-15 SIM</u>	<u>-29.0</u>	<u>-8.5</u>		
<u>JE</u>									

Relinquished by: (signature) <u>John Feib</u> Date/Time <u>2/29/12 1500</u>	Received by: (signature) <u>ARC</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>FED Ex</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>GOOD</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>03031</u>
--------------	----------------------------	------------------	----------------------	-----------------------	------------------------------------------	---------------------------



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Feib
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: Date: Pressurization Gas: N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-1106</u>	<u>33789</u>	<u>2/28-2/29</u>	<u>1130-1030</u>	<u>TO-15 SIM</u>	<u>-29.0</u>	<u>-9.0</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/29/12 1500</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>Fed Ex</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>SEALED</u>	Custody Seals Intact? Yes No <u>None</u>	Work Order # <u>100-3047</u>
--------------	----------------------------	------------------	----------------------	-------------------------	------------------------------------------	------------------------------



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

**180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020**

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-3253</u>	<u>33935</u>	<u>2/28-2/29</u>	<u>1230-1130</u>	<u>TO-15 SIM</u>	<u>-27.0</u>	<u>-5.5</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>2/29/12 1500</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>FED Ex</u>		<u>N/A</u>	<u>Seal</u>	Yes No <u>None</u>	<u>08040</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager James Elliot
 Collected by: (Print and Sign) John Felb
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Drive, Suite A City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-02</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: <u>N₂</u> <u>He</u>
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-1501</u>	<u>9543</u>	<u>2/28-2/29</u>	<u>1715-1600</u>	<u>T0-15 SIM</u>	<u>-28.0</u>	<u>-6.0</u>		
<u>01A</u>	<u>IA-00P3</u>	<u>3745</u>	<u>2/28-2/29</u>	<u>1715-1600</u>	<u>T0-15 SIM</u>	<u>-28.0</u>	<u>-8.5</u>		
<u>JE</u>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>3/1/12 1100</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>3.2.12 0915</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>[Signature]</u>		<u>17.5</u>	<u>moist</u>	Yes No None	<u>1-03061</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email James.elliott@tetratech.com
 Address 301 Mentor Ave, Suite 4 City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-728919-03</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	IA-3770	5703	4/25/12-4/26/12	1600-1500	TO-15 SIM	-29.0	-8.5		
02A	IA-DP2	35982	4/25-4/26	1600-1500	TO-15 SIM	-28.0	-7.0		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>4/27/12 0900</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>4/30/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Tetra</u>		<u>N/A</u>	<u>Good</u>	Yes No <u>None</u>	<u>1204685</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email James.elliott@tetratech.com
 Address 301 Mentor Ave, Suite 4 City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-720919-03</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: Date: Pressurization Gas: N ₂ He
	<small>specify</small>	

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>Background-042512</u>	<u>126666</u>	<u>4/25/12-4/26/12</u>	<u>1200-1130</u>	<u>TO-15 SIM</u>	<u>-28.5</u>	<u>-6.5</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>4/27/12 0900</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>4/30/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>Fedex</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? <u>None</u>	Work Order # <u>1204030</u>
--------------	---------------------------	------------------	----------------------	-----------------------	-----------------------------------	-----------------------------



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email James.elliott@tetratech.com
 Address 301 Mentor Ave, Suite 4 City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SB-T28919-03</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: Date: Pressurization Gas: N ₂ He
-----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psl)
<u>01A</u>	<u>IA-3939</u>	<u>35286</u>	<u>4/25/12-4/26/12</u>	<u>1200-1130</u>	<u>TO-15 SIM</u>	<u>-28.5</u>	<u>-6.0</u>		
<u>JF</u>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>4/27/12 0900</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>4/30/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Tetra Tech</u>		<u>N/A</u>	<u>Good</u>	Yes No <u>None</u>	<u>1004620</u>



Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email James.elliott@tetratech.com
 Address 301 Mestor Ave, Suite 4 City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-03</u> Project # <u>cdm</u> Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: Date: Pressurization Gas: N ₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	IA-1028	35136	4/25-4/26	1730-1700	TO-15 SIM	-28.0	-7.5		

Relinquished by: (signature) <u>JF</u> Date/Time <u>4/27/12 0900</u>	Received by: (signature) <u>B. Whitaker</u> Date/Time <u>4/30/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Fedex</u>		<u>51.2</u>	<u>Good</u>	Yes No <u>None</u>	<u>1204641</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email James.elliott@tetratech.com
 Address 301 Mentor Ave, Suite 4 City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info:
 P.O. # 100-SBA-T20914-03
 Project # cdm
 Project Name Paradise Palms

Turn Around Time:
 Normal
 Rush
specify

Lab Use Only
 Pressurized by:
 Date:
 Pressurization Gas: N₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
OLA	IA-4878	12680	4/25/12-4/26/12	170-71	T0-15 SIM	-28.5	-9.5		
OLA	IA-DUP1	13858	4/25-4/26	170-162	T0-15 SIM	-29.0	-8.5		
<i>JF</i>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>4/27/12 0900</u>	Received by: (signature) <u>B. Wiffelher</u> Date/Time <u>4/30/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Tetra Tech</u>		<u>10</u>	<u>Good</u>	Yes No <u>None</u>	<u>8804649</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email James.elliott@tetratech.com
 Address 301 Mentor Ave, Suite 4 City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info:
 P.O. # 100-SBA-T28919-03
 Project # com
 Project Name Paradise Palms

Turn Around Time:
 Normal
 Rush
specify

Lab Use Only
 Pressurized by:
 Date:
 Pressurization Gas: N₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	IA-1567	5719	4/25-4/26	1830-1800	TO-15 SIM	-29.0	-9.5		
<i>(Handwritten signature: JF)</i>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>4/27/12 0900</u>	Received by: (signature) <u>B. White</u> Date/Time <u>4/30/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name <u>Fedex</u>	Air Bill # _____	Temp (°C) <u>N/A</u>	Condition <u>Good</u>	Custody Seals Intact? <u>None</u>	Work Order # <u>1204048</u>
---------------------	---------------------------	------------------	----------------------	-----------------------	-----------------------------------	-----------------------------



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email james.elliott@tetratech.com
 Address 301 Mentor Ave, Suite 4 City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SB-T20919-03</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: <u>N₂</u> <u>He</u>
-----------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>DIA</u>	<u>IA-3313</u>	<u>35996</u>	<u>4/25/12-4/26</u>	<u>1100-1030</u>	<u>TO-15 SIM</u>	<u>-29.0</u>	<u>-10.0</u>		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>4/27/12 0900</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>4/30/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Fedex</u>		<u>N/A</u>	<u>Good</u>	Yes No <u>None</u>	<u>1304544</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email James.elliott@tetratech.com
 Address 301 Mentor Ave, Suite 4 City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-SBA-T28919-03</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	IA-2759	34354	4/25/12-4/26/12	1115-1040	TO-15 SIM	-30.0	-0.5		

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>4/27/12 0900</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>4/30/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Tetra Tech</u>		<u>55.12</u>	<u>Good</u>	Yes No <u>None</u>	<u>1200605</u>



CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email James.elliott@tetratech.com
 Address 301 Mentor Ave, Suite 4 City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info:
 P.O. # 100-SBA-T28919-03
 Project # edm
 Project Name Paradise Palms

Turn Around Time:
 Normal
 Rush
specify

Lab Use Only
 Pressurized by:
 Date:
 Pressurization Gas: N₂ He

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
01A	I4-2681	34429	4/25/12-4/26/12	1230-1215	TO-15 SIM	-28.0	-6.5		
<div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> JT </div>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>4/27/12 0900</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>4/27/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Tetra Tech</u>		<u>4/27/12</u>	<u>good</u>	Yes No <u>None</u>	<u>1204646</u>

Air Toxics LTD.

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national, and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, of any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922

180 BLUE RAVINE ROAD, SUITE B
FOLSOM, CA 95630-4719
(916) 985-1000 FAX (916) 985-1020

Page 1 of 1

Project Manager James Elliot
 Collected by: (Print and Sign) John Felts
 Company Tetra Tech Email James.elliott@tetratech.com
 Address 301 Mentor Ave, Suite 4 City Santa Barbara State CA Zip 93111
 Phone (805) 681-1355 Fax (805) 681-3108

Project Info: P.O. # <u>100-584-728919-03</u> Project # _____ Project Name <u>Paradise Palms</u>	Turn Around Time: <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Rush <small>specify</small>	<small>Lab Use Only</small> Pressurized by: _____ Date: _____ Pressurization Gas: _____ N ₂ He
------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------

Lab I.D.	Field Sample I.D. (Location)	Can #	Date of Collection	Time of Collection	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
<u>01A</u>	<u>IA-2124</u>	<u>20948</u>	<u>4/25-4/26</u>	<u>1000-0930</u>	<u>TO-15 SIM</u>	<u>-29.5</u>	<u>-9.5</u>		
<i>(A large diagonal line is drawn across the remaining empty rows of the table.)</i>									

Relinquished by: (signature) <u>[Signature]</u> Date/Time <u>4/27/12 0900</u>	Received by: (signature) <u>[Signature]</u> Date/Time <u>4/30/12 0900</u>	Notes:
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	
Relinquished by: (signature) _____ Date/Time _____	Received by: (signature) _____ Date/Time _____	

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	<u>Tetra Tech</u>		<u>N/A</u>	<u>Good</u>	Yes No <u>None</u>	<u>100587</u>