



Lic. No. AZ0003

17 March 2020

Ms. Debbie Tribioli
The Oasis at Anozira
c/o Kinney Management Services
6303 South Rural Road
Tempe, Arizona 85283

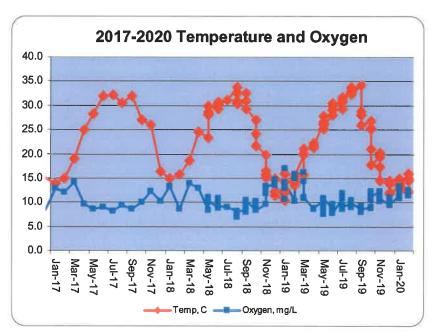
Ref: Oasis Lake, February 2020

Dear Ms. Tribioli:

The following report summarizes water quality data collected for Oasis Lake on 05 February 2020. Similar data have been reported each month and are used in this report to generate the graphs that are used for tracking changes in water quality. The report includes field data sheets summarizing weekly lake and mechanical system conditions during the month.

Chemical and Physical Composition

Temperature, Oxygen, and pH: Water temperature decreased to 12.3 C (54 F) and the dissolved oxygen concentration was greater than 100 percent saturation (11.7 mg/L). Operation of the floating fountains, as well as the trial nanobubble oxygenation system, helped maintain dissolved oxygen at a level that was more than satisfactory for the fishery.

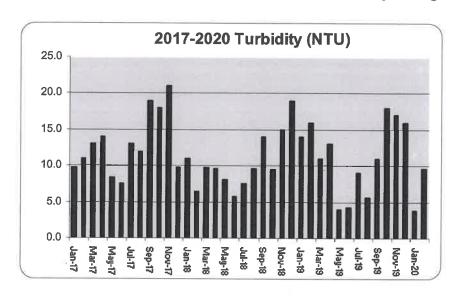


The table below shows the USEPA criteria for dissolved oxygen in warm water fisheries.

Criterion	Early life stages	Other life stages
Daily mean	>6.0	>4.0
Daily minimum	>5.0	>3.0

Water temperature tolerance varies among fish species. However, the maximum weekly temperature tolerance of most common urban lake fish species is 32 to 35 C.

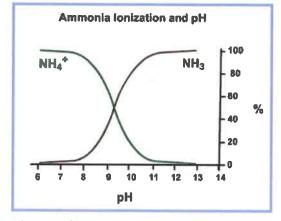
Turbidity: The turbidity of the lake water increased significantly to 9.6 NTU. Water turbidity is impacted by algae density and dissolved and particulate matter in the water, including storm water runoff and dye that is periodically added for algae and weed management. As turbidity increases, clarity decreases. Rain storms have occurred intermittently throughout the winter.



pH: The lake water pH varied from 8.7 to 8.8 SU during the month. Water pH is influenced by the chemical makeup of the water and the amount of algae in the lake. In a very simplified explanation for the role of algae, carbonic acid in the water is formed from dissolution of carbon dioxide. Carbonic acid tends to make the water more acidic and pH decreases.

However, algae utilize carbon dioxide during photosynthesis during daylight, making less carbon dioxide available to form carbonic acid, and pH increases. The more algae present, the greater the increase in pH that usually occurs. Data indicate that pH increased compared to measurements last month. pH changes may also result from differences in SRP canal feed water composition.

High pH can be problematic in terms of toxicity if high concentrations of ammonia are present in the water. Ammonia is in equilibrium between two forms;

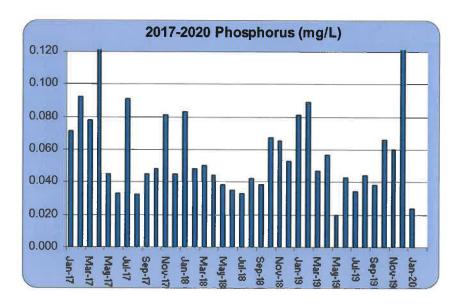


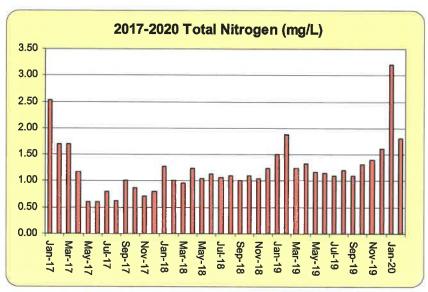
ammonium ion and ammonia gas. At pH concentrations above 9.0 SU and a water temperature increases, ammonia converts to the gas which is toxic to many aquatic

organisms. At the measured water temperatures, measured pH values would not result in toxicity. No signs of fish stress were observed.

Nutrients: Nitrogen and phosphorus are the primary nutrients that stimulate algae and submerged plant growth. Phosphorus is typically the nutrient that dictates how much plant growth can be sustained in a lake. Usually if the total phosphorus concentration is below 0.030 mg/L, low levels of suspended algae occur. A nitrogen concentration of about 10 times the phosphorus (0.30 m/L) is typically needed to support algal growth.

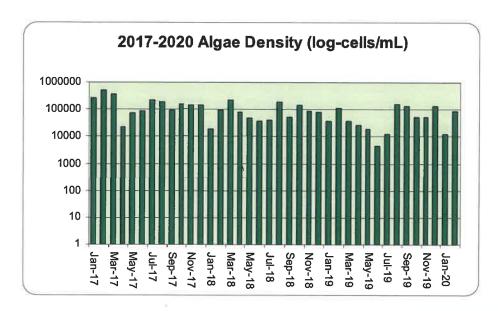
The phosphorus concentration increased significantly to only 0.065 mg/L as P. The total nitrogen concentration decreased to 1.80 mg/L as N. Nitrate, immediately available to algal cells, was at a concentration of 0.50 mg/L. Because there was a significant increase in phosphorus concentration, an increase in algae growth would be expected and occurred.





Biological Composition

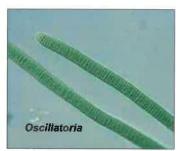
Phytoplankton (algae): The amount and types of algae in a lake dictate the aesthetic and operational quality of the water. Algae density affects the clarity and color of the water, two very important aesthetic criteria. The species composition dictates the form of growth observed; floating mats, suspended cells, stringy attached filaments, etc. It also impacts the choice, frequency, and dosage of herbicides used for water quality management.



As predicted, the total algae density in the lake increased to 8.31 X 10⁴ cells per mL, a density still considered moderate for an urban reservoir in metro-Phoenix. The blue-green (Cyanophyta) filamentous alga. *Oscillatoria*, was the dominant form. This alga can form stringers along the lake edge, bottom growths, or floating mats. However, no appreciable amount of these growths was observed.

Lake dye was added during the month to slow algae growth in the lake.

Tests conducted through the month indicated erratic, low-level presence of golden algae. No adverse affect on the fish population was observed. Golden algae have been identified in seventeen lake systems in metro-Phoenix so far this season. The golden alga (*P. parvum*), produces toxins that rupture unprotected cells. The toxin release is believed to benefit golden algae by killing other species of





algae, thereby making resources (nutrients) more available to the golden algae population. Unfortunately, the cells of fish gills are also unprotected because that is where oxygen absorption occurs. Thus, the toxin also results in asphyxiation of fish. Susceptibility to the toxin varies amongst fish species.

Midge flies: Midge flies are common inhabitants of most lakes. Adult females lay hundreds of eggs on the water surface. The eggs settle to the lake bottom and hatch in a few days. Larvae develop and grow in the superficial sediments over a three to four week period. In about 30 days the insect larvae become pupae, rise in the water column, and emerge as adult flies. The life cycle is shown diagrammatically below. Adults tend to swarm at dusk and dawn and become a nuisance. They fly into residents' eyes and mouths, congregate under eaves of houses, and leave a sticky messy residue when they die. Management techniques may include stocking of bottom-feeding fishes to consume the larvae and/or application of bacterial or chemical larvicides. Because fish have not been stocked for three years or more, a maintenance stocking proposal will be delivered to the Board this month.







Few adult midge flies were detected during the month.

Fishery: No significant loss of fish occurred during the month.

Waterfowl: Ducks and geese can be a beautiful sight on a small urban pond or lake. They seem to make the lake look more like a natural lake than an artificial reservoir. They are fascinating creatures. However, when ducks and geese become too numerous, several lake management and aesthetic problems can develop. These problems are listed below.

- Bird wastes are unattractive and cause slippery conditions.
- Cleaning waste from sidewalks and turf is an additional maintenance item.
- Geese and other waterfowl can become aggressive toward humans.
- Waterfowl can damage turf areas.
- Waterfowl add nitrogen and phosphorus to the water.
- Bird wastes contain bacteria that are a health risk to humans and pets.
- Diving birds consume fish that are stocked in the lack for management purposes.





Arizona Game and Fish Department has developed criteria for waterfowl on small urban lakes (see table). Based on the Arizona Game & Fish Department scale, the lake condition in terms of waterfowl has been in the "good to excellent" category. With the migratory season in progress, additional waterfowl have been visiting the lake

Problematic cormorants were infrequently observed during the month. Cormorants are diving birds that feed on small fish. Some Canada geese were again observed. They can destroy turf and, along with other birds, contribute fecal matter to the common areas and water. See photos above.

Ranking	Waterfowl Density
Excellent	<3/acre
Good	3-4/acre
Fair	5-6/acre
Poor	>6/acre

Bacteria

In terms of public health protection, the *E. coli* bacteria concentration was relatively low (16 per 100 mL) and met incidental or partial body contact (PBC) and full body contact (FBC) recreational standards. The table below displays the numeric standards from the State Water Quality Standards (R18-11-109 A; 2016).

Designated use	E. coli single sample max. no/100 mL
Full body contact (swimming)	235
Partial body contact (boating, fishing)	575

Mechanical Systems and Field Observations

Weekly field inspection forms are attached to this report. In-lake and entry fountains and nanobubble aeration system operated during the month.

Endothall and peroxide-based algaecide applications were made to the three entry fountains to reduce algae growth on the wetted rock surfaces.

Lake Report Card

The water quality data are summarized on the attached Oasis Lake Report Card. Each salient parameter has been qualitatively evaluated and then assigned a numeric value for quantitative comparison and tracking purposes. The February score decreased to 42, but remained in the excellent category range. The reduced score occurred primarily as a result of increased phosphorus and algae density.

Report card scores for the past three years have been graphically summarized below. Polynomial regression analysis (black line) still indicates a somewhat cyclic pattern. Linear regression analysis (red line) indicates and overall increasing trend in score.



Respectfully,

AQUATIC CONSULTING & TESTING, INC.

Frederick A. Amalfi, Ph.D., C.L.M.

Laboratory Director





LABORATORY REPORTS



FIELD INSPECTION FORMS



PESTICIDE APPLICATION DOCUMENTS

OASIS LAKE REPORT CARD

DATE OF EVALUATION:

Feb-20 CONDITION EXCELLENT

46 42 SCORE SCORE Jan-20 CONDITION EXCELLENT PREVIOUS EVALUATION:

	SCORE	က	4	7	2	က	2	4	2	4	4	4	4	4
101	POOR	>20	<4.0	>2.0	>0.10	>5 x 10 ⁵	blue-greens; floating mats common	>20%	>9.0	>125	significant nuisances	>10	fish piping common; fish kills common	most of lake shore covered with crusts or scums
2 ots	FAIR	11-20	4.0-5.5	1.1-2.0	0.06-0.10	$1 \times 10^5 - 5 \times 10^6$	blue-greens; no floating mats	11-20%	8.6-9.0	81-125	moderate nuisances	6-10	fish piping before dawn; occasional fish kills	numerous patches of salt deposits and algae scums
3 pts	G009	5-10	5.6-6.9	0.5-1.0	0.03-0.05	5x10 ⁴ - 9x10 ⁴	diatoms; no floating mats	<10%	8.0-8.5	21-80	minor nuisances	2-5	some fish piping, gulping; no fish kills	some white deposits and scums
4 pts	EXCELLENT	<5	>7.0	<0.5	<0.03	<5 × 10 ⁴	greens; no floating mats	none	6.5-8.0	<20	no nuisances	<2	no fish piping; no fish kills	no evidence of salt crusts or algal scums
	RATIONALE	aesthetics	aquatic life, sediment nutrient release, odors	algae and macrophyte growth	algae and macrophyte growth	aesthetics	aesthetics, treatability	aesthetics, boating	swimming, fishery, ammonia toxicity	public health protection	quality of life	nutrient and bacteria loading	recreation, aesthetics	aesthetics
	RESULT	9.6	7<	1.80	0.065	8.31 x 10 ⁴	bluegreen filaments	۲	8.7	16	no nuisances	-	normal	limited edge growths
	CONDITION	Turbidity (NTU)	Dissolved oxygen (mg/L)	Nitrogen, total (mg/L)	Phosphorus, total (mg/L)	Algae density (no./mL)	Algae form (dominant)	Macrophytes (% cover)	pH (SU) avg.	E. coli bacteria (#/100 mL) avg.	Midge flies	Waterfowl (no. per acre)	Fishery	Shoreline/banks

SCORING KEY:

<30 **Fair** 30-35 Good 36-41 Excellent 42-48

Definitions: Ratings

Excellent: Lake aesthetic and operational conditions above level of expectation.

Good: Lake aesthetic and operational conditions at le level of expectation.

Fair: Lake aesthetic and operational conditions slightly below level of expectation.

Poor: Lake aesthetic and operational conditions considerably below level of expectation.

Definitions: Terms

pH: -log hydrogen ion conc.; amount of acid in the water identified on scale 1-14; 1 being most acid, 7 neutral, and 14 being most caustic. Piping: Act of fish coming to surface of water and capturing a bubble of air in their mouth; a sign of low oxygen concentrations. N/A: not applicable; insufficient data or too early in development of lake (an arbitrary 3 rating is provided for these items). Macrophyte: Large plant, observable without the aid of a microscope, that may be floating, submerged or emergent. Midge: Small, flying, non-biting "gnat-like" insect whose larval stage exists in the lake sediments (bloodworm). Phytoplankton (algae): Microscopic plant fraction of the plankton community.

Plankton: Organisms of relatively small size that have relatively small powers of locomotion or that drift in the water,

Turbidity: Degree to which particles and color in the water scatter light; the "cloudiness" of the water,





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Phone: (480) 921-8044 • Fax: (480) 921-0049

Lic. No. AZ0003

LABORATORY REPORT

Client: Oasis at Anozira

c/o Kinney Management Services

6303 S. Rural Road Tempe, Arizona 85283

Attn: Debbie Tribioli

Date Submitted: 02/05/20

Date Reported: 03/10/20

Project: Monthly Lake Monitoring

RESULTS

Client ID: Lake Sample Type: Surface Water ACT Lab No.: CC01034 Sample Time: 02/05/20 12:20

	Analys	is Date			
Parameter	<u>Start</u>	_End_	Method No.	Result	<u>Unit</u>
Algae Count	03/09/20	03/09/20	SM 10200 F	See Attached	cells/mL
Algae Identification	03/09/20	03/09/20		See Attached	
Golden Algae	02/05/20	02/05/20	P/C Microscopy	Absent	Pres/Abs
Oxygen, Dissolved Field	02/05/20	02/05/20	SM4500 O G	11.7	mg/L as O2
pH, Field	02/05/20	02/05/20	SM4500H+ B	8.7	SU
Temperature, Field	02/05/20	02/05/20	SM2550 B	12.3	С
Nitrate + Nitrite - N	02/22/20	02/22/20	SM4500NO3 E	0.50	mg/L as N
Phosphorus, Total	03/03/20	03/03/20	365.3	0.065	mg/L as P
Total Kjeldahl Nitrogen	02/18/20	02/18/20	SMNorg C,NH3 C/D	1.3	mg/L as N
E. coli, Colilert	02/05/20	02/06/20	SM 9223 B	16	MPN/100 mL
Turbidity	02/05/20	02/05/20	180.1	9.6	NTU

la

Reviewed by:_

Frederick A. Amalfi, Ph.D Laboratory Director

ALGAE IDENTIFICATION

AC&T Lab No. Client I.D.	CC01034 Oasis	Date Collected Collected By	02/05/20 AC&T	

Divisions: bac=Bacillariophyta; chl=Chlorophyta; cry=Chrysophyta; cyn=Cyanophyta; eug=Euglenophyta; hap=Haptophyta; pyr=Pyrrhophyta

Forms: u=unicell; c=colony; f=filament; g= flagellate

	Div	Rel.	Total			Div	Rel.	Total	
Genus	Form	Count	per mL	Comp.	Genus	Form	Count	per mL.	Comp
Achnanthes	bac-u				Microcystis	cyn-c			
Anabaena	cyn-f				Microspora	chl-f			
Ankistrodesmus	chl-u	6	1882	2.26%	Mougeotia	chl-f			
Aphanocapsa	cyn-c				Navicula	bac-u			
Asterionella	bac-c				Nitzschia	bac-u			
Botryococcus	chl-c				Oocystis	chl-c			
Carteria	chl-ug				Oscillatoria	cyn-f	165	51749	62.26%
Cephalomonas	chl-ug				Pandorina	chl-cg			
Ceratium	pyr-ug				Pediastrum	chl-c			
Chlamydomonas	chl-ug	17	5332	6.42%	Peridinium	pyr-ug			
Chlorella	chl-u				Phacotus	chl-ug			
Chlorococcum	chl-c				Phacus	chl-ug			
Chroococcus	cyn-c	38	11918	14.34%	Pinnularia	bac-u			
Chroomonas	crp-ug				Pithophora	chl-f			
Closterium	chl-u				Prymnesium	hap-ug			
Cocconeis	bac-u				Rhizoclonium	chl-f			
Coelastrum	chl-c				Rhoicosphenia	bac-u			
Cosmarium	chl-u				Rhopalodia	bac-u			
Cosmocladium	chl-c				Scenedesmus	chl-c	20	6273	7.55%
Crucigenia	chl-c				Scytonema	chl-f			
Cryptomonas	crp-ug				Selanastrum	chl-u			
Cyclotella	bac-u				Sphaerocystis	chl-c			
Cymbella	bac-u				Spondylumorum	chl-c			
Diatoma	bac-u				Spirulina	cyn-f			
Dinobryon	bac-c				Stauroneis	bac-u			
Dunaliella	chl-u				Stephanodiscus	bac-u			
Epithemia	bac-u				Stigeoclonium	chl-f			
Euglena	eug-ug				Surirella	bac-u			
Fragilaria	bac-u				Synechococcus	cyn-u			
Frustulia	bac-u				Synechocystis	cyn-c			
Glenodinium	pyr-ug				Synedra	bac-u	19	5959	7.17%
Golenkinia	chl-c				Synura	cry-cg			
Gomphonema	bac-u				Tetraedron	chl-u			
Gonium	chl-cg				Tetrastrum	chl-c			
Gonyaulax	pyr-ug				Trachelomonas	eug-ug			
Gyrosigma	bac-u				Vaucheria	chl-f			
Hydrodictyon	chl-c				Volvox	chl-cg			
Lyngbya	cyn-f				Zygnema	chl-f			
Melosira	bac-f				A. M.				
Meridion	bac-u								
Merismopedia	cyn-c								

Aquatic Consulting & Testing, Inc. 1525 W. University Dr., Suite 106 Tempe, Arizona 85281

Count (cells/mL)_	8.31E+04	

check 100.00%

Laboratory Sample Identification AC&T Page1 of 1 CC-01034 Monthly Lake Monitoring Oasis at Anozira 3. RELINQUISHED BY: 4. RECEIVED BY: 000 Cther sjoßn Sample Containers # / Preservation: Client Project Info: HSSO4 (Sulfunc) HNO3 (Nitric) (Sterile) N Print Name: Print Name: Signature: Signature: Date: SO, qmaT, Hq × Field Measurements: Golden Algae × Algae Count & ID × **Chain of Custody** 1. RELINQUISHED BY: Turbidity 2. RECEIVED BY: Total E.Coli -MPN × A Brinday Total Kjeldahl Mitrogen (TKM) Print Name; Print Name Total Phosphorous (P-T) WET BLUE Signature: × Signatu/e × NO3+NO5 2 YES (NO YES (NO NS. A C & T Sample Receipt: Aquatic Consulting & Testing, Inc. AC&T Client Reporting Information: Total # Containers: Sample Receipt Temperature: Samples On Ice: Custody Seals: Samples Intact: Ice Type: (480) 921-8044 Fax (480) 921-0049 c/o Kinney Management Services non 1525 W. University Dr. Ste. #106 Date: E: debbie@kinneymanagement.com 6303 South Rural Road Attn: Debbie Tribioli Tempe, Arizona 85281 Tempe, AAZ 85283 AC&T Sampler: Oasis at Anozira Project Location: 7 is presa Sample Location ID: Oasis at Anozira P: 480-820-3451 Lake Contract Lake P0#:



AQUATIC CONSULTING & TESTING, INC.

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Lic. No. AZ0003

GOLDEN ALGAE REPORT

Client: Oasis at Anozira

c/o Kinney Management Services

6303 S. Rural Road Tempe, Arizona 85283

Attn: Debbie Tribioli

Date Submitted: 02/26/20
Date Reported: 03/04/20

Project: Monthly Lake Monitoring

RESULTS

Client ID: Lake Sample Type: Surface Water
ACT Lab No.: CC01678 Sample Time: 02/26/20 13:40

Analysis Date

ParameterStartEndMethod No.MDLResultUnitAnalystGolden Algae02/26/2002/26/20P/C Microscopy1AbsentPres/AbsMEW

Explanation of Terms:

<u>Absent</u> = No golden algae* were detected in the submitted sample.

<u>Present 1</u> = Golden algae* were detected, but rarely observed in the submitted sample.

<u>Present 2</u> = Golden algae* were detected and commonly observed in the submitted sample.

<u>Present 3</u> = Golden algae* were detected and were the dominant algae in the submitted sample.

*Prymnesium parvum or toxin producing related species.

Reviewed by:

Frederick A. Amalfi, Ph.D. Laboratory Director

Laboratory Sample Identification CC-01678 AC&T Page1 of 1 Golden Algae Screen Oasis at Anozira 3. RELINQUISHED BY: 4. RECEIVED BY: Time: neuto sjoßny Sample Containers # / Preservation: Client Project Info: H2SO4 (Sulfuric) HNO3 (Nitric) Na2S2O3 (Sterile) Print Name: Print Name: Non Preserved Signature: Signature: PH, Temp, O2 Field Measurements: Golden Algae × Algae Count & ID Chain of Custody נתמצ 1. RELINQUISHED BY: Turbidity 2. RECEIVED BY: Total E.Coli -MPN Date: 44120 Total Kjeldahi Nitrogen (TKN) Signature: MY Print Name: Print Name: Total Phosphorous (P-T) Signature: NO3+NO5 WET BLUE 3.23 YES (V) (ES) NO YES MO SW A C & T Sample Receipt: Aquatic Consulting & Testing, Inc. AC&T Client Reporting Information: J-76-20 (HO Total # Containers: Sample Receipt Temperature: Samples On Ice: Custody Seals: Samples Intact: ice Type: (480) 921-8044 Fax (480) 921-0049 c/o Kinney Management Services 1525 W. University Dr. Ste. #106 Date: E: debbie@kinneymanagement.com 6303 South Rural Road Tempe, Arizona 85281 Attn: Debbie Tribioli Tempe, AAZ 85283 AC&T Sampler: Oasis at Anozira Project Location: Sample Location ID: Golden Algae Seasonal Monitoring (Oct - May) P: 480-820-3451 Oasis at Anozira Lake Contract Lake #0d

OASIS AT ANOZIRA FIELD INSPECTION FORM

	Date: 2520 By:	orms)
A	Aeration System Operation	Lake Surface
b	operational Problem	□ Lake surface cleaning
De	Details:	1
	1.7 gg/10/15 H	quashade
FI	loating Fountains West East South	
- /	operational 🛘 Problem Details:	
		ntilation lighting Notes
Co	Compressors □ operational □ Problem Det	ails: Not in use
Pι	operational Problem Det	ails:
	intry Fountains Illiot North: poperational pscreens eleared	Problem Details:
	illiot South: poperational pocreens cleared	
Lo	os Feliz: operational Screens cleared 🗆 l	Problem Details:
	Dissolved oxygen Temperature pH Algae ID and count Ammonia-N Organic N (TKN) Phosphorus Turbidity E. coli Golden algae (seasonal)	

OASIS AT ANOZIRA FIELD INSPECTION FORM

	D INSPECTION FORM (wpdoc/lists&forms)
Date: 2 0 20 By:	
Aeration System Operation	Lake Surface
	□ Lake surface cleaning
Details:	
Floating Fountains West East	2 South
⊈ operational □ Problem Details:	
	□ leaks □ ventilation □ lighting Notes
Compressors	Problem Details: Not in use
Pumps poperational p	Problem Details:
Entry Fountains	cleared problem Details: Harothal
	cleared Problem Details:
Los Feliz: poperational poscreens	cleared Problem Details:
Monthly Chemistry & Biology	2/ End t
Dissolved oxygen Temperature DH Algae ID and count Ammonia-N Organic N (TKN) Phosphorus Turbidity E. coli Golden algae (seasonal)	W S

OASIS AT ANOZIRA FIELD INSPECTION FORM

Date: 02-19-20 By:	doc/lists&forms)
/	
Aeration System Operation	Lake Surface cleaning a data
operational □ Problem Details:	Lake surface cleaning edge
Floating Fountains West East South	n
operational Problem Details:	
Pump house \times housekeeping \to leak	s u ventilation u lighting Notes
Compressors	m Details: N/A
Pumps operational Problem	m Details:
Entry Fountains	A I
Elliot North: 🐧 operational 🗆 Screens cleared	d - Problem Details: Hydretho
Elliot South:	d □ Problem Details:
Los Feliz: operational Screens cleared	Details:
Monthly Chemistry & Biology	
Dissolved oxygen Temperature pH Algae ID and count Ammonia-N Organic N (TKN) Phosphorus Turbidity E. coli Golden algae (seasonal)	N E S

OASIS AT ANOZIRA

Date: 2/26/10 By:	Windoc/lists&forms)
Aeration System Operation	Lake Surface
operational Problem	□ Lake surface cleaning
Details:	
Floating Fountains West - East -	□ South
	□ leaks □ ventilation □ lighting Notes
	Problem Details: Not in Use
	Problem Details:
Entry Fountains Elliot North: operational - &creens	cleared problem Details: tydrothol
Elliot South: operational of Screens	cleared Problem Details:
Los Feliz: operational Screens	cleared problem Details:
Monthly Chemistry & Biology Dissolved oxygen Temperature pH Algae ID and count Ammonia-N Organic N (TKN)	W B



PhosphorusTurbidity □ *E. coli*□ Golden algae (seasonal)





AQUATIC CONSULTING & TESTING, INC. 1525 West University Drive, Suite 106

Tempe, Arizona 85281

Phone: 480-921-8044 Fax 480-921-0049

PESTICIDE TREATMENT NOTICE & RECORD

Client: The Oasis at Anozira

Attn: Debbie Tribioli

The Oasis at Anozira

C/O Kinney Management Services

6303 South Rural Road

Tempe, Az 85283

Date: 02-05-20	Time: 7:30	Conditions: X clear	pt cloudy	overcast
		cold	mild	<u>hot</u>

Material:	Reg. No. (*restricted)	Tot. Qty:	Acres/Volume:
Aquashade	33068-1	2.5 gal	33 Aft
Townst Doot		D 51 5 1 11	

Target Pest: algae Degree of infestation:

Application method/calculations:

Maintenance dose

Dosage/rate Percent active ingredient: 26 % dye

Applicator: A. Murrett Cert. No. 061093

Remarks/follow-up:

Precautionary Statement:

Warning-Pesticides can be harmful. Keep children and pets away from pesticide applications until dry, dissipated, or aerated. For more information contact Aquatic Consulting & Testing, Inc. at 480-921-8044 and ask for Dr. Rick Amalfi. AC&T License No. 4418 F. A. Amalfi QP#1360 Cert. No. 900496



AQUATIC CONSULTING & TESTING, INC. 1525 West University Drive, Suite 106

Tempe, Arizona 85281

Phone: 480-921-8044 Fax 480-921-0049

PESTICIDE TREATMENT NOTICE & RECORD

Client: The Oasis at Anozira

Attn: Debbie Tribioli

The Oasis at Anozira

C/O Kinney Management Services

6303 South Rural Road

Tempe, Az 85283

Location: Entry features (January 2020)

Date: 02-05-20 Time: 09:00 Conditions: X clear pt cloudy overcast cold X mild mild

Material:	Reg. No. (*restricted)	Tot. Qty:	Acres/Volume:
Hydrothol	4581-174 2 quart		0.03 Aft
Target Pest:	algae	Degree of infestation	n: low

Application method/calculations:

 $2.25 \text{ G/Aft} \times 0.03 \text{ Aft} = 0.0675 \text{ Gal} (0.5 \text{ pt})$

Dosage/rate 1.5 ppm Percent active ingredient: 53% endothol

Applicator: Murrett Cert. No. 061093

Remarks/follow-up: algae

Precautionary Statement:

Warning-Pesticides can be harmful. Keep children and pets away from pesticide applications until dry, dissipated, or aerated. For more information contact Aquatic Consulting & Testing, Inc. at 480-921-8044 and ask for Dr. Rick Amalfi. AC&T License No. 4418 F. A. Amalfi QP#1360 Cert. No. 900496