Cadmium	1.9
Copper	75
Lead	15
Mercury	0.85
Nickel	21
Selenium	5
Zinc	140

b. Tracking Site Lifetime Application

The tracking of site lifetime application is not required by 40 CFR 503 for exceptional quality biosolids; however this tracking is routinely done. The potential life for biosolids application for a particular site is calculated and reported on a yearly basis.

c. Crop Verification Procedures

Solid Solutions land applies biosolids to each field according to the intended crop of the farmer. To verify the actual crop grown, Solid Solutions will perform and retain one or more of the following for each field:

- Photograph the crop grown after biosolids application
- Attain crop report submitted by farmer to agencies like the Farm Service Agency
- Attain certified harvest records from the farmer

3. Land Application Management Plan

General Operating Constraints

Land application of biosolids is regulated at the federal level by the 40 CFR 503 Rule, which defines the minimum standards required for land application of biosolids (defining processing methods, which determine the vector attraction reduction and the pathogen level, as well as defining the concentration of metals, crops allowed, and site access restrictions). At the state level, biosolids are regulated by the Arizona Department of Environmental Quality (ADEQ), who issues the applicable approvals.

The operation is finally governed by service level agreements signed between Solid Solutions and its customers. These contracts define the minimum requirements. Because Solid Solutions may service many customers simultaneously, it will apply the contract conditions that are most stringent to its operation.

B. Management Practices

Land application typically follows harvest of any standing crop and the disking of the site to remove any furrows. The project or field manager then

flags any restricted areas by measuring the appropriate setback as defined in by the ADEQ requirement or the local requirements, whichever is stricter. The following management practices will be followed:

- Biosolids will not be applied at an application rate greater than the agronomic rate of the crop planned for the site
- Biosolids will not be applied to land that is flooded
- Biosolids will be incorporated into the soil
- Every site will grow a viable crop prior to any additional biosolids application

C. Equipment Utilized

Solid Solutions or its subcontractors provide all the equipment used to transport and to apply biosolids. Biosolids are transported in end-dump semi trailers pulled by tandem-axle truck tractors. The net volume capacity of the trailers is between 40 and 54 cubic yards, which correspond to a net weight capacity of between 22 and 27 tons. The trailers are equipped with roll tarps that are secured by a number of ratchet tie-straps.

Biosolids are unloaded at the designated land application site. Biosolids are then loaded onto spreaders pulled by a standard agricultural tractor using a front-end loader. A disk, also pulled by a standard agricultural tractor, incorporates the biosolids into the soil. Water trucks are used to supply the water for washing the biosolids residues off the trailers and to water the access roads to the fields to reduce dust. Water pumps feeding radial sprinkle irrigation systems are used to water the fields throughout the growing season.

D. Transportation

a. Permits

Solid Solutions and its sub-contract haulers are permitted as a motor vehicle contract carrier by the Interstate Commerce Commission and as a highway contract carrier by the California Public Utilities Commission and has an International Registration Plan (IRP) license to haul into Arizona.

b. Communication with Wastewater Plants

Denali Water communicates directly with the wastewater treatment plants regarding the scheduling of trucks. At most facilities, we have the facilities provide a schedule of loads needs on a daily basis for the upcoming week by Thursday or Friday via email to our regional dispatch email address. Any changes that do occur during the week can be made the day before via email or phone. If weekly schedules are not possible, we ask the facility to email our dispatch department no later than 3pm for the following day's schedule.

. Truck Routes

The project manager, on a daily basis, routes truck drivers to the assigned fields. The factors that influence routing include traffic (accidents, road construction) location of residences, potential for dust, and school bus routes.

d. Delivery windows

The project manager coordinates with the client's loading coordinator the best delivery window, which depends on the travel distance, traffic, route, and impact on the public. Each load is accompanied by a load ticket. The load ticket includes the load's weight, origination, destination, and driver signature. Each ticket may be signed by the field operator or operations manager at the site. In the case that no field operator is available, a load log sheet, located inside the water truck's cabin, is filled out by the driver indicating the date, time and field number the load is off-loaded. The load log is also used a backup to the load ticket to show the time and date the load is delivered.

e. Truck Maintenance, Appearance, and Record keeping

All trucks and trailers are properly maintained to provide a safe transport of biosolids. The mechanical maintenance schedule of truck tractors follows the manufacturer's recommendations and the records are kept in Fleet Transportation's office. The structural integrity of truck trailers are also periodically tested by visual inspection and repaired accordingly to avoid accidents and biosolids spills. This includes the installation and maintenance of adequately working safety pins on trailer gates as well as the maintenance of tarps and tarp mechanisms. All repairs are logged and the records are kept in the Fleet Transportation's office. All truck maintenance records are made available to clients upon request.

Solid Solutions uses owner/operators to haul biosolids to Arizona. The owner/operators have a sleeping compartment on their trucks so if they hit their limit on miles driven or time driving, they can rest on the road. The owner/operators keep logs of their miles and time driving.

f. Driver Training

Solid Solutions' truck drivers receive training on a continual basis on the following:

- Loading and procedures at wastewater treatment plants
- Safety and biosolids
- Do's and don'ts of biosolids transportation
- Spill prevention and spill cleanup procedure
- Unloading and cleaning procedure
- Recordkeeping
- Public relations

The records of this training are kept in the Solid Solutions' Garden Grove field office and are made available to clients upon request.

E. Unloading and Washing

When a truck arrives at the designated field, the biosolids are unloaded onto the designated area and the interior of the trailer thoroughly washed. Before leaving, the trailer is tarped and then the exterior washed clean of any biosolids residues.

F. Spreading

Once the spreader is loaded with biosolids material and is at the designated site, it spreads the material uniformly on the land until the application rate for the planned crop is reached. A rough application rate can be calculated by dividing the capacity of the spreader by the area spread by the load (multiplying the distance traveled by the average broadcast distance). Depending on the soil conditions, the desired application rate can be divided in two as described below.

G. Incorporation

After spreading, the material may be disked into the soil with a disk pulled by an agricultural tractor. For certain soil conditions, and to assure better blending and incorporation into the soil, the material can be spread in two complete cycles of spreading and incorporation. Prompt and adequate incorporation is done to avoid public nuisances, when necessary, such as odors and flies.

H. Staff Training

The training includes basic biosolids regulations on the federal, state, and local level as well as on the client's particular requirements. The training includes safety aspects related to biosolids handling, endangered species, public perception issues, and communication with the public. The training of staff is done on an as needed basis and the records are kept in the Solid Solutions' main office and are made available to clients upon request. Solid Solution arranges the best available time for regular and subcontracted staff to receive additional training by the WWTP's after previous notification.

4. Controls

Buffer zones are set-back areas that will not receive biosolids. These buffers provide additional water quality protection and will help minimize potential nuisance. The buffer zone distances to be observed are:

- 1000 feet from residences, unless incorporated within 10 hours
- 1000 feet from a public or semi-public water system wells
- 250 feet from any other water well

10

- 33 feet from surface waters
- 25 feet from public and private right of ways

A. Soil Testing

Soils from each field may be analyzed prior to the initial biosolids application, as per ADEQ regulations. A composite of soil from three depths ranging from 3-11 inches are sampled at eight separate, randomly selected locations, and are analyzed on each permitted site.

B. Odor Control

To avoid odor impacts, Solid Solutions, in coordination with the farms and the ADEQ, will abide by the following:

a. Biosolids will be incorporated into the soil, when necessary. This minimizes the exposure of the biosolids to the air and reduces the release of odors.

b. Buffer zones from sensitive receptors are met, including a 1000 foot buffer zone from residences. This allows any odors released from the site to dissipate before reaching the sensitive receptor.

c. Trailers are tarped. This keeps odors from escaping from the trailer during the transportation of the biosolids.

C. Dust Control

Dust is the product of typical farming operations. The delivery of biosolids can create additional dust to the farming operation. This management plan includes the following odor control measures on an as needed basis:

- a. Dirt roads used will be watered if excessive dust is produced where it
- leaves the farm's boundaries
- **b.** Buffer zones from sensitive receptors are met. This keeps the movement of dust off-site to a minimum.

D. Noise Control

The delivery and application of biosolids has the potential for creating excess noise. This management plan includes the following noise control measures on an as needed basis:

- a. Haul routes are established to avoid residential and school zones, and noise sensitive areas.
- **b.** Biosolids deliveries and operations are limited to day light hours if operations or haul routes are near residential areas or sensitive receptors.
- c. Buffer zones from sensitive receptor are met. This keeps a distance between operation activity and the sensitive receptors.
- E. Access Control

The farms generally keep no trespassing signs or "Keep Out" signs posted. Current sites are remotely located without easy public access. Farmers and farm crew monitor fields to control public access.

F. Water Quality Controls

To protect surface water from possible degradation, soil erosion and the offsite movement of biosolids must be minimized. The off-site movement of biosolids and soil erosion is minimized by the following actions:

- a. Set buffer zones as described in the stringent ADEQ requirements
- b. Organic matter in biosolids help bind soils and help reduce soil erosion
- c. Biosolids are applied at the nitrogen need of the crop

Ground water degradation is prevented by the following actions:

- a. Biosolids are applied at the nitrogen need of the crop. Because nitrogen is the most mobile constituent in the biosolids, applying it at rate the crop will use ensures that no nitrate will leach through the soil and affect the groundwater.
- b. Soil typically adsorbs metals to its particles. Most soils, including those found in Arizona, have a negative charge measured as Cation Exchange Capacity (CEC). Metals are positively charged called cations. Once metals enter a soil, they adhere to the soil particles, which prevent the metal from migrating to the groundwater.
- c. Buffer zones from active wells, homes and surface waters helps prevent biosolids from being placed near sensitive areas.

1) Surface Water

The setbacks from application sites to surface water courses, either dry or flowing, are 33 feet.

2) Groundwater

The setbacks to water wells are 250 feet and to public and semi-public wells are 1000 feet.

G. Inspections

Verification of regulatory compliance is done by several different agencies. The Arizona Department of Environmental Quality, the EPA Region IX, and the biosolids generators perform periodic inspections and report with verbal and written notifications and recommendations for improvement.

5. Emergency response

To protect the environment and the public in case a spill occurs, Solid Solutions has prepared a Spill Response Plan (See Appendix). The Spill Response Plan

12

includes:

- Emergency Contacts and Notification procedures
- Personal Protective equipment
 - Response instructions for spills during biosolids transport
 - Response instructions if hazardous or unauthorized material is found

B. Spill Response

Please refer to Spill Response Plan for a complete description.

6. Monitoring

Many agricultural practices have the potential to impact the environment negatively. Chemical fertilizers, pesticides, herbicides and manures have been used on farm ground for generations, often at uncontrolled rates. Biosolids, on the other hand, are regulated intensely to protect public health as well as the environment. The EPA's 40 CFR Part 503 regulations, as well as state and local regulations, have set up guidelines to protect environmental quality and the public.

A. Biosolids Testing

In order to ensure compliance with the nutrient loading and agronomic application limits, biosolids are periodically tested by an Arizona certified lab, typically A&L Eastern Agricultural laboratories.

B. Recordkeeping

Solid Solutions collects and maintains the following information indefinitely:

- The location, by quarter section, section, township, range and assessor's parcel number, of each site on which biosolids is applied, including a map, of scale 1:24,000 or larger, accurately showing the location.
- The number of hectares in each site on which biosolids is applies.
- The date biosolids was applied to each site.
- The cumulative amount of each pollutant, in pounds listed in 40 CFR 503 in the biosolids applied to each site.
- The amount of biosolids, in dry tons, applied to each site.
- The following certification statement:

"I certify, under penalty of law, that the requirements to obtain information in 40 CFR 503.12(e) (2) have been met for each site on which bulk sewage sludge is applied. This determination has been made under my direction and supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the requirements to obtain information have been met. I am aware that there

13

are significant penalties for false certification including fine and imprisonment".

A description of how the requirements to obtain information in the above paragraph are met.

Solid Solutions collects and maintains the following information for at least five years: é

See above recordkeeping

C. Reporting

Solid Solutions, on a quarterly basis, reports to the WWTPs on a pre-selected number of activities that are deemed crucial for the sustainable management of biosolids.

Solid Solutions will submit Reports to the Arizona Department of Environmental Quality, the EPA, and the WWTP, on an annual basis or as often as required, summarizing all the biosolids activity and monitoring that occurred during the previous time period. The report will include:

- a. Application Information for each site
- b. Quantity of biosolids applied
- c. Application area applied
- d. Total nitrogen concentration in biosolids
- e. Nitrogen loading
- f. Crop
- g. Pollutant loading for each application site
- h. Constituent concentration from each source
- Site map **i**. -

SPILL RESPONSE PLAN

This Spill Response Plan has been written to establish detailed procedures to be followed in case a spill occurs while hauling biosolids. This Plan is provided to and explained to the personnel involved in the hauling of biosolids so that transportation requirements and spill clean up procedures are understood.

Biosolids Hazards

Biosolids are considered non-hazardous and non-toxic. Spilled biosolids can cause roadways to become slick. Biosolids should not be allowed to wash into storm drains or water ways.

Use gloves to clean or handle biosolids. Always wash your hands and any body part that contacts biosolids with soap and water. Do not eat or drink while handling or working with biosolids.

Emergency Contacts and Notification Procedures

In the case a spill or accident occurs during the transportation of biosolids, the following emergency contacts will be contacted, regardless of the amount spilled:

Noe Ramirez - Dispatcher Dale Hanna - Dispatcher	Cell Cell	(951) 269-9481 (310) 663-2945
Office		(714) 799-0801
Chris Marks - Environmental Manage	r Cell:	(760) 801-3175

Once the spill is contained, the following agencies are notified of the spill:

In California	
Office of Emergency Service	s (800) 852-7550
California Highway Patrol	
Riverside County	(951) 637-8000
Orange County	(949) 559-7888
San Diego Co.	(619) 220-5492
Inland Empire	(909) 388-8000
El Centro	(760) 482-2500
County Environmental Health	h Agencies
O.C. EHS	(714) 667-3600
San Diego DEH	(619) 338-2222
Riverside Environmen	ntal Health
Indio	(909) 863-7570
Riverside	(951) 955-8980
San Bernardino DPH	(909) 884-4056

15

	Imperial DEH	(760) 482-4203
Water	Boards	
	Santa Ana	(909) 782-4130
	San Diego	(858) 467-2952
	Colorado	(760) 346-7491
In Arizona		
Arizo	na Highway Patrol	(928) 782-1679
ADEC)	(602) 771-4612

The Dispatcher or Denali representative will notify the wastewater treatment plant (WWTP) where the material originated from about the spill as soon as possible.

If the spill location occurs in a different jurisdiction, the appropriate agencies will be contacted regarding the spill.

Personal Protective Equipment

Trucks hauling biosolids will be carrying the following equipment for their protection in case of a biosolids spill:

- a) First Aid Kit
 - 1. Band aids
 - 2. Gauze
 - 3. Antiseptic ointments
 - 4. Burn ointments
- b) Gloves
- c) Shovel (to avoid contact with biosolids)
- d) Broom (to avoid contact with biosolids)
- e) Kitty litter or sand
- f) Cell Phone
- g) Reflective triangles or cones

Response Instructions for Spills

If a spill or accident occurs and the driver is not hurt, the following procedures will be followed:

DRIVER PROCEDURES

1. The Driver will be sure that he/she is safe and not in any danger.

2. If the Driver is in danger or injured, Driver will notify the highway patrol or law enforcement (**DIAL 911**) immediately if the hauling accident or spill occurred on public right-of-way.

*Give location and amount of spill to individual(s) contacted.

3. Driver will place traffic cones or reflector triangles to divert traffic around spill.

4. Driver will contain spill, if possible or necessary, away from any waterways or

drains by the use of shovel or appropriate containment measure.

- 5. Driver will notify Dispatcher of the spill location and size.
- 6. Traffic will be controlled until authorities arrive.
- 7. Spill will be cleaned and returned to trailer with shovel and broom, if small enough and if truck and trailer are operable.
- 8. Biosolids Spill Report Form will be completed (see attached form).
- 9. Truck will stay at site until clean up is complete.

DISPATCHER PROCEDURES

- 1. The appropriate agencies will be contacted (see Emergency Contacts above).
- 2. If spill requires a clean up crew, one will be dispatched. The crew will include:
- 3. Two person crew, unless more personnel is needed
- 4. Rubber tired front-end loader or other loader
- 5. Sandbags and/or hay bales, or absorbent material
- 6. Street sweeper
- 7. Shovels, brooms, cones and flares
- 8. If truck or trailer is not operable, an alternative truck and trailer will be sent.
- 9. Contact the generator where the biosolids originated as soon as possible.
- 10. Biosolids Spill Report will be completed and submitted to the appropriate agencies and WWTP
- 11. If spill occurs in Arizona, as required by the permit with the State of Arizona, the ADEQ will be notified within 24 hours with a detailed report

Spill Clean Up

If spill does not require a crew for clean up, the driver will replace spilled biosolids in trailer. If biosolids replaced into trailer were not contaminated, the load will be delivered to its intended site. Otherwise, contaminated biosolids will be sent to an approved landfill for disposal.

If spill does require a crew, the following clean up will be performed:

- 1. Contain biosolids to the spill area and block drains with sand, sandbags, or absorbent material.
- 2. Place biosolids into one pile using shovels, broom, and/or loader.
- 3. Load biosolids into operable truck and trailer with loader and shovels.
- 4. Clean road, if necessary, with street sweeper.
- 5. Follow any other instruction by local permitting agency or health officer.
- 6. Transport spill material to intended site or disposal site, if contaminated.
- 7. Transport equipment used to intended site or wastewater treatment site to be washed and cleaned.

Onsite (In-plant) Spill Clean Up

The driver is required to clean up any biosolids spill or leakage, regardless of size, that occurs within a plant's facility. In the event the driver cannot clean up the spill by himself, then he must inform his dispatcher or operation manager and request assistance. At no time should contractors rely on or request assistance from the plant staff to clean up an in-plant spill or leakage.

If Hazardous or Unauthorized Materials are Found

If hazardous or unauthorized materials are found, containment and notification procedures will be followed as detailed in Response Instructions for Biosolids Spill. No clean up will begin until notification of spill and recognition of hazardous or unauthorized materials are explained to Operation Manager and appropriate agencies. Clean up and disposal will be performed according to instructions given by the appropriate agency.

Biosolids Spill Report

After biosolids are cleaned, a Biosolids Spill Report will be completed and sent to local regulatory agencies and the WWTP's. It will include:

- a. Location, date and time of spill
- b. Biosolids Spill Report Form completed by driver (see attached)
- c. Clean up measures taken
- d. Biosolids use or disposal after clean up
- e. Any other pertinent information on the spill

This report will be sent to the appropriate agencies and will be kept on file.

Emergency Spill Response Companies

Patriot Environmental

(800) 624-9136

Locations

San Diego Orange Inland Empire Richmond Sacramento Pleasant Hills

Wheel Loaders

United Rentals

(844) 873-4948

Locations – 31 in Southern California (check online for closest branch at <u>www.unitedrentals.com</u> or call)

19

Spill Report Form

Name:	Date Completed:
Date of Spill:	Time of Spill:
Hauler Company Name:	
Driver's Name:	
Truck License #:	
Load Origination:	Load #:
Location of Spill:	
Cause of Spill:	
Quantity of Biosolids Spilled:	
Action Taken to clean-up spill	
Tractor and Trailer Condition:	and the provide state of the providence of the p
Weather Conditions:	
Did an accident occur? Yes or N	
If Yes, Explain Damage:	
· · · · · · · · · · · · · · · · · · ·	
Explain Injuries:	
T * • • • • • • • • • •	
List Agencies contacted:	
Signature	Date
20	
20	

BIOS APPLICATOR I	OLIDS LANI		2 (voicemail 60	85007 2-771-450	15 (fax)
APPLICATOR II		O APPLICATION FOR REGIS	AND SUPPLEM TRATION**	ENTAL RE	QUEST
	FORMATIO	N			
Name of Company or Individuals: So	olid Solutions, L.I	Telep L.C. Fax: 7	hone: 760-801-3175 14-799-0140		
Address: 12340 Seal I	leach Blvd., Suite	# B-383			
City: Seal Beach		State:	CA Zip: 9074	0	
Contact Person: Chris	Marks	****E	mail: cmarks@solidsto	ch.com	· · · ·
NPDES Permit # (if ap	olicable)	Other Pe	rmits: Specify #		
Are you an:	Individual o	r ✓Corporat	tion/Association/Labor	Union/Other 1	Legal Entity
GENERATOR/PREP	ARER OF BIOS	ƏLIDS			
FACILITY TYPE	/ WWTP	D COMPOSTER	D BIOSOLIDS PRO	CESSING	D PUBLIC/PRIVATE
Name of Company/Indi	viduals: City of	Mesa - GWRP	Tele	phone: 480-64	4-6014
Address: 4400 S. Green	field Road	· · · · · · · · · · · · · · · · · · ·			
City: Gilbert		State:	AZ City: Gi	bert	
Contact Person: Ronnie	Lopez	Telepho	one: 480-644-6014		· · · · · · · · · · · · · · · · · · ·
NPDES #: (if applicable) AZ002-	1031	State E Specify	quivalent #:		
Pathogen Treatment A	lternative 🗆 Ö	lass A – Alternative #	✓Class B	- Alternative	#5
Vector Treatment Met	nod: Option	(Check here if you produ	ice EQB.	🗆 EQB
BIOSOLIDS METAL C	ONTENT IN Mg/	Kg ON DRY WEIGH	F BASIS (attach analyt	cal report)	
	s = ND	As = ND	As = ND	As =	ND
Hg= 0.8 H	g= 0.8	Hg= 0.8	Hg= 0.8	Hg=	0.8

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS:

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C. 1532. ADEQ encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely effect "historic properties."

Biosolids Land Application Registration Form - Page 2

SITE SPECI	FIC INFO	RMATION FOR APPI	LICATION	SITE (complete	for each site)	
Name of Com or Individuals		rms	Те	lephone: 520-510	6032	
Address: 63	34 E. Marti	in Road				
City: Coolidg	e			State: AZ	Zij	p: 85228
Contact Person	n: Jaime Sl	haw	Tel	ephone: 520-510-	6032	
Site Location Cross streets/la Directions To Site: :	11	Highway 287 between . vy 287 to Christensen Ro			er	
Nearest City or Town	 Coolidge		· . ·	C	ounty: Pinal	
Description of □ Reclamation □ Other:	Site: Site	✓ Farmin	icludes com	posting site or bic	-	ing site
Township: 4S			Range: 8	E	Section:	10, 11
Total Acres: 5	16.6		Depth to	Groundwater:	<u>100+</u> ft	
Field ID: PN	1-1	Latitude: 33 0' 36"N		Longitude: 111 31' 5" W		No. of Acres: 26.1
Field ID: PN	1-2	Latitude: 33 0' 32"N		Longitude: 111 30' 50" W		No. of Acres: 17.1
Field ID: PN	: PN 1-3 Latitude: 33 0' 32"N			Longitude: 111 30' 35" W		No. of Acres: 18.9
Field ID: PN	-4	Latitude: 33 0' 17"N		Longitude: 111 31' 5" W		No. of Acres: 23.5
Field ID: PN	l-5	Latitude: 33 0' 17"N		Longitude: 111 30' 50" W		No. of Acres: 39.6
		IT IN Mg/Kg ON DRY fred if site had previousl			ge application	records are not available.
* Attach soil analysis, if	As'=	Cd =	•	. Cu =		Pb =
required above	Hg =	Ni =		Se =		Zn =
	✓ None	of the fields have a slope	greater tha	n 6%.		
SLOPE: Check the applicable	□ The sk	ope is greater than 6% on	1 part of the	site, biosolids wil	l not be applie	d to that portion.
condition:	□ The sl	ope is greater than 6% ar	nd NPDES	Permit No	a	oplies to the site.
PUBLIC NOTI	CE: 2 week	s required 🛛 Proof o	f Public No	tice with the Requ	est for Registr	ation is attached
I CERTIFY TH	AT THE A	BOVE INFORMATION	IS COMP	LETE AND TRU	E TO THE BE	ST OF MY KNOWLEDGE.
SIGN	ATURE		TITLE			DATE

Latitude: 33 0' 17"N	Longitude: 111 30' 35" W	No. of Acres: 16.1
Latitude: 33 0' 17" N	Longitude: 111 30' 27" W	No. of Acres: 14.3
Latitude: 33 0' 42" N	Longitude: 111 30' 30" W	No. of Acres: 7.3
Latitude: 33 0' 29" N	Longitude: 111 29' 32" W	No. of Acres: 120.1
Latitude: 33 0' 29"N	Longitude: 111 30' 1" W	No. of Acres: 23.5
Latitude: 33 0' 17" N	Longitude: 111 30' 12" W	No. of Acres: 55.9
Latitude: 33 0' 17" N	Longitude: 111 29' 54" W	No. of Acres: 41.9
Latitude: 33 0' 26" N	Longitude: 111 31' 4" W	No. of Acres: 28.1
Latitude: 33 0' 26" N	Longitude: 111 30' 49" W	No. of Acres: 18.7
Latitude: 33 0' 27" N	Longitude: 111 30' 32" W	No. of Acres: 34.4
Latitude: 33 0 ^s 4" N	Longitude: 111 29' 44" W	No. of Acres: 12.6
Latitude: 32 59' 58" N	Longitude: 111 29' 48" W	No. of Acres: 18.5
	Latitude: 33 0' 17"N Latitude: 33 0' 42"N Latitude: 33 0' 29"N Latitude: 33 0' 29"N Latitude: 33 0' 29"N Latitude: 33 0' 17"N Latitude: 33 0' 17"N Latitude: 33 0' 26"N Latitude: 33 0' 26"N Latitude: 33 0' 27"N Latitude: 33 0' 4" N	Latitude: 33 0' 17"N Longitude: 111 30' 27" W Latitude: 33 0' 42"N Longitude: 111 30' 30" W Latitude: 33 0' 29"N Longitude: 111 29' 32" W Latitude: 33 0' 29"N Longitude: 111 30' 1" W Latitude: 33 0' 17"N Longitude: 111 30' 12" W Latitude: 33 0' 17"N Longitude: 111 30' 12" W Latitude: 33 0' 17"N Longitude: 111 29' 54" W Latitude: 33 0' 26"N Longitude: 111 31' 4" W Latitude: 33 0' 26"N Longitude: 111 30' 49" W Latitude: 33 0' 26"N Longitude: 111 30' 32" W Latitude: 33 0' 26"N Longitude: 111 30' 49" W Latitude: 33 0' 26"N Longitude: 111 30' 49" W Latitude: 33 0' 26"N Longitude: 111 30' 49" W Latitude: 33 0' 26"N Longitude: 111 30' 49" W Latitude: 33 0' 26"N Longitude: 111 30' 49" W Latitude: 33 0' 26"N Longitude: 111 30' 49" W

ADDITIONAL FIELDS

ł

Nov.30. 2007 10:26AM



Janet Napolitano Governor ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Proenix, Arizona 85007 (602) 771-2300 • www.azdeg.gov

> Notice of Acceptance Biosolids Application Registration

November 30, 2007

Mr. Chris Marks Solid Solutions, L.L.C 12340 Seal Beach Blvd Suite # B-383 Seal Beach, CA 90740

Re: Land Application Site Registration and Addition of Generators for J Farms

Dear Mr. Marks:

The Arizona Department of Environmental Quality (ADEQ) received the above referenced request for registration November 19, 2007. Upon reviewing this material, ADEQ has determined under A.A.C R18-9-1004 that your submittal is complete. Your registration is accepted. Please be advised that this registration is valid only for biosolids generated by the City of Mesa - NMWRP, and City of Mesa - GWRP to be land applied only at the fields that are now registered, with the following center field coordinates:

Field ID	Latitude	Longinude	Field ID	Latitude	Longitude
PN 1-1	N33.0102	W111.5181	PN 1-10	N33.0080	W111.5005
PN 1-2	N33.0090	W111.5140	PN 1-11	N33.0046	W111.5035
PN 1-3	N33.0090	W111.5097	PN 1-12	N33.0046	W111.4983
PN 1-4	N33.0048	W111,5180	PN I-13	N33.0073	W111.5179
PN 1-5	N33.0048	W111.5141	PN 1-14	N33.0073	W111.5137
PN 1-6	N33.0048	W111.5099	PN 1-15	N33.0075	W111.5089
PN 1-7	N33.0048	W111.5075	PN 1-16	N33.0012	W111.4956
PN 1-8	N33.0118	W111,5084	PN 1-17	N32.9995	W111.4967
PN 1-9	N33.0080	W111.4924		· · · · ·	

Northein Regional Office 1801 W. Route 66 - Suite 117 - Flagstaff, AZ 86001 (928) 779-0313 Southern Regional Office 400 West Congress Street = Suite 433 + Tucson, AZ 85701 (520) 528–5733



Stephen A. Owens Director Nov. 30. 2007 10:26AM Page 20f 2

> As the registered land applicator you are required to comply with all applicable provisions as established in A.A.C. Title 18, Chapter 9, Article 10, titled "Disposal, use, and Transportation of Biosolids", for each land application site. Your annual report is due on or before February 19 of the next year (A.A.C. R18-9-1014). Required forms and more information on land application of biosolids in Arlzona can be found on the following site: http://www.azdeg.gov/function/forms/appswater.html#bio.

Please contact me at (602) 771-4612 if you have questions regarding this Notice or the status of your registration.

Sincerely,

Daniel L. Czecholinski, CHMM Biosolids Program Coordinator Water Quality Compliance Assurance Unit

> Ref#: CA08084 LTF#: 46140

ρ.

	ARIZO	Water (1110 W. W Pb	IENT OF ENVIR Juality Complian ashington Strees oenix, Arizona 8 2 (voicemail 602	nce Section , MO5415 85007	1 B-1
BIC	SOLIDS LAND	APPLICATION FOR REGIS	AND SUPPLEME TRATION**	NTAL REQ	UEST
APPLICATOR	INFORMATION	1			
Name of Company or Individuals:	Solid Solutions, L.L		none: 760-801-3175 14-799-0140		
Address: 12812 Val	ley View St, #9				
City: Garden G	rove	State:	CA Zip: 92845		
Contact Person: Chr	is Marks	**** <u>E</u>	mail: chrisamarks@con	ncast.net	
NPDES Permit # (if	applicable)	Other Pe	rmits: Specify #		
Are you an: 🛛	Individual or	✓Corporat	ion/Association/Labor U	Jnion/Other Le	gal Entity
CENERATOR/PRI	EPARER OF BIOSC	IIDS			
FACILITY TYPE	✓ WWTP	COMPOSTER	BIOSOLIDS PRO	CESSING =	PUBLIC/PRIVATE
Name of Company/II	dividuals: City of N	lesa - GWRP	Telep	hone: 480-644	5014
Address: 4400 S. Gre	enfield Road				
City: Gilbert		State:	AZ City: Gill	pert	
Contact Person: Ron	nie Lopez	Teleph	one: 480-644-6014	<u>.</u>	
NPDES #: (if applicable) AZ0	024031	State E Specify	quivalent #:		·····
Pathogen Treatment	Alternative 🛛 🗆 C	ass A – Alternative #	✓Class B	- Alternative #	
Vector Treatment M	lethod: Option		Check here if you produ	ce EQB. a	EQB
HOSOLIDS METAL	CONTENT IN Mg/	Kg ON DRY WEIGH	FBASIS (attach analytic	al report)	
As = ND	Cd = ND	Cr = 36	Cu = 350	Pb = 1	ND
		Ni = 19	Se = ND	Zni≃ 7	780

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS:

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C. 1532. ADEQ encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely effect "historic properties."

Biosolids Land Application Registration Form – Page 2

SITE SPECI	FIC INFO	RMATI	DN FOR APPI	ICATION	SITE (com	plete for	each site)	
Name of Com or Individuals:		rms		Те	lephone: 520)-510-603	2	
Address: 63	B4 E. Marti	n Road						
City: Coolidge	e				State: AZ	<u> </u>	Zip:	85228
Contact Person	i: Jaime Sl	1aw		Te	lephone: 520	-510-603	2	
Site Location Cross streets/la	und marks:	Southwe	est of intersection	n of <u>Kl</u> eck	Rd and NF	ast Track	Road	
Directions To Site:	From Hy	wy 87 hea	d East on Kleck	c Road to N	J Fast Track	Rd		
Nearest City or Town							y: Pinal	
Description of Reclamation Other:		✓ Farm	in	cludes com	posting site	or biosoli	ds processin	ig site
Township: 6S				Range: 8	lĒ		Section: 1	3
Total Acres: 1	85			Depth to	Groundwate	r: <u>100</u>	±ft	
Field ID: PN	1-20	Latitud	e: 32 54' 10" N		Longitude:	111 28'	10" W	No. of Acres: 55
Field ID: PN	ield ID: PN 1-21 Latitude: 32 54' 25" N				Longitude: 111 28' 00" W		00" W	No. of Acres: 31
Field ID: PN 1	-22	Latitud	ude: 32 54' 10"N		Longitude: 111 28' 00" W		00" W	No. of Acres: 19
Field ID: PN 1	-23	Latitude	: 32 54' 00" N		Longitude: 111 28' 20" W		20" W	No. of Acres: 40
Field ID: PN 1	-24	Latitude	: 32 53' 50" N		Longitude:	111 28' 2	20" W	No. of Acres: 40
SOIL METAL *Soil analysis is	CONTEN s only requ	T IN M	g/Kg ON DRY e had previously	WEIGHT v received	BASIS biosolids and	í sludg e a	pplication re	words are not available.
* Attach soil analysis, if	As =		Cd =		Cu =		P	β=
required above	Hg =		Ni =		Se = .		Z	n =
SLOPE:	✓ None	of the fie	ds have a slope	greater that	ın 6%.			
Check the applicable	The slo	ope is gre	ater than 6% on	part of the	site, biosolio	ds will no	t be applied	to that portion.
condition:								
PUBLIC NOTIO	CE: 2 week	s require	d 🗆 Proof of	f Public No	tice with the	Request	for Registra	tion is attached
I CERTIFY TH	AT THE A	BOVE	NFORMATION	IS COMP	LETE AND	TRUE T	O THE BES	T OF MY KNOWLEDGE.
-				-				
				· · ·				
SIGN	ATURE			TITLE			D	ATE

· ·

-



Janice K. Brewer Governor

Arizona Department of Environmental Quality

1110 West Washington Street • Phoenix, Arizona 85007 (602) 771-2300 • www.azdeq.gov



Benjamin H. Grumbles Director

Notice of Acceptance Biosolids Application Registration

December 6, 2010

Mr. Chris Marks Solid Solutions, L.L.C 12812 Valley View Street # 9 Garden Grove, CA. 92845

Re: Land Application Site Registration and Generators for J Farms:

Dear Mr. Marks:

The Arizona Department of Environmental Quality (ADEQ) received the above referenced request for registration on December 1, 2010. Upon reviewing this material, ADEQ has determined under A.A.C R18-9-1004 that your submittal is complete. Your registration is accepted. Please be advised that this registration is valid only for biosolids generated by the City of Mesa - GWRP and the City of Mesa - NMRP, to be land applied only at the fields that are now registered, with the following center field coordinates:

Field ID	Latitude	Longitude	Field ID	Latitude	Longitude
PN 1-20	N 32 54 10	W 111 28 10	PN 1-23	N 32 54 00	W 111 28 20
PN 1-21	N 32 54 25	W 111 28 00	PN 1-24	N 32 53 50	W 111 28 20
PN 1-22	N 32 54 10	W 111 28 00			

As the registered land applicator you are required to comply with all applicable provisions as established in A.A.C. Title 18, Chapter 9, Article 10, titled "Disposal, use, and Transportation of Biosolids", for each land application site. Your annual report is due on or before February 19 of the next year (A.A.C. R18-9-1014). Required forms and more information on land application of biosolids in Arizona can be found on the following site: http://www.azdeg.gov/function/forms/appswater.html#bio.

Northern Regional Office 1801 W. Route 66 • Suite 117 • Flagstaff, AZ 86001 (928) 779-0313 Southern Regional Office 400 West Congress Street • Suite 433 • Tucson, AZ 85701 (520) 628-6733

Printed on recycled namer

Page 2of 2

Please contact me at (602) 771-4570 if you have questions regarding this Notice or the status of your registration.

Sincerely,

A. Vegel

Steven Vogel Biosolids Review Water Quality Compliance Assurance Unit

Ref#: AU11-095 LTF #: 53513

THE REAL OF THE RE	ARIZ	Water (1110 W. W Ph	IENT OF ENVIR Quality Complian ashington Street oenix, Arizona 8 2 (voicemail 602	nce Section , MO5415 85007	n 5 B-1
BIC	DSOLIDS LAND	APPLICATION FOR REGIST	AND SUPPLEME TRATION**	NTAL REQ	DUEST
APPLICATOR	INFORMATIO	N			
Name of Company or Individuals:	Solid Solutions, L.L		none: 760-801-3175 14-799-0140		
Address: 12812 Val	lley View St, #9				
City: Garden G	rove	State:	CA Zip: 92845		
Contact Person: Chi	ris Marks	****E	mail: chrisamarks@con	ncast.net	
NPDES Permit # (if	applicable)	Other Pe	rmits: Specify #		
Are you an:	Individual or	✓ Corporat	ion/Association/Labor U	 Inion/Other Le	gal Entity
GENERATOR/PR	EPARER OF BIOS	DLIÐS			
FACILITY TYPE	✓ WWTP	COMPOSTER	BIOSOLIDS PRO	CESSING (D PUBLIC/PRIVATE
Name of Company/I	ndividuals: City of	Mesa - GWRP	Telep	hone: 480-644	-6014
Address: 4400 S. Gro	eenfield Road				
City: Gilbert		State:	AZ City: Gill	bert	
Contact Person: Ron	mie Lopez	Teleph	one: 480-644-6014		
NPDES #: (if applicable) AZ0	024031	State E Specify	quivalent #:		
Pathogen Treatmen	t Alternative 🛛 🗆 🖸	Class A – Alternative #	✓ Class B	- Alternative #	5
Vector Treatment M	lethod: Option	(Check here if you produ	ce EQB.	EQB
BIOSOLIDS METAI	L CONTENT IN Mg	Kg ON DRY WEIGH	F BASIS (attach analytic	al report)	
As= ND	Cd = ND	Cr = 36	Cu = 350	Pb =	ND
Hg= 0.67	Mo = 16	Ni = 19	Se = ND	Zn =	780
		Test America, Phoeni NT SAMPLES: 4/7/1			

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS:

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C. 1532. ADEQ encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely effect "historic properties."

Biosolids Land Application Registration Form – Page 2

SITE SPECIE	TIC INFO	RMATION	FOR APPI	ICATIO	N SITE (comp	lete for e	ach site)		
Name of Comp or Individuals:		'Farms		Те	lephone: 520-	251-0446			
Address: PO	Box 824						· · · · ·		
City: Coolidge					State: AZ		Zip:	85128	
Contact Person	: Mark Po	e		Те	lephone: 520-2	2 51-04 46			
Site Location Cross streets/la	ndmarks:	Northwest a	and Southwe	est of inters	ection of Rand	loinh Rd :	and N Elev	ven Mile Corner	
Directions To Site: :								on Randolph Rd	
Nearest City or Town (Coolidge					County	Pinal		anti Ali
Description of a Reclamation	Site:	✓ Farm	in	cludes con	posting site o			g site	
Township: 6S				Range: 1	3E		Section: 6,	,7	
Total Acres: 72	27			Depth to	Groundwater:	100+	ft		
Field ID: PN 2	-1	Latitude: 3	2 56' 05" N		Longitude:	111 33' 5)" W	No. of Acres: 32.8	
Field ID: PN 2	-2	Latitude: 3	2 56' 05" N		Longitude: 111 33' 40" W No. of Acres: 3:			No. of Acres: 35.2	
Field ID: PN 2	-3	Latitude: 3	2 56' 05" N		Longitude: 111 33' 20" W No. of Acres: 33.8			No. of Acres: 33.8	
Field ID: PN 2	-4	Latitude: 3	2 55' 55" N		Longitude: 1	11 33' 50)" W	No. of Acres: 72.1	
Field ID: PN 2	-5	Latitude: 3	2 55' 55"'N	······································	Longitude: 1	11 33' 20	" W	No. of Acres: 23.5	
SOIL METAL *Soil analysis is						sludge app	lication re	cords are not available.	
* Attach soil analysis, if	As =		Cd =		Cu =		P	b =	
required above	Hg =		Ni =		Se =		Zr	1 =	· ·
SLOPE:	 None 	of the fields i	have a slope	greater the	un 6%.	·			
Check the applicable	□ The slo	ope is greater	r than 6% on	i part of the	site, biosolids	s will not	be applied	to that portion.	
condition:	The sl	ope is greate	r than 6% ar	nd NPDES	Permit No		âpp	lies to the site.	
PUBLIC NOTIC	CE: 2 week	s required	🗆 Proof o	f Public No	otice with the F	Request fo	r Registrat	ion is attached	
I CERTIFY TH	AT THE A	BOVE INFO	DRMATION	IS COMP	LETE AND T	RUE TO	THE BES	T OF MY KNOWLEDGE.	
CIGN	ATURE			TITLE				\TE	

i

ADDITIONAL FIELDS

Field ID: PN 2-6	Latitude: 32 55' 45" N	Longitude: 111 33' 40" W	No. of Acres: 23.2
Field ID: PN 2-7	Latitude: 32 55' 35" N	Longitude: 111 33' 50" W	No. of Acres: 27.3
Field ID: PN 2-8	Latitude: 32 55' 25"N	Longitude: 111 33' 50" W	No. of Acres: 16
Field ID: PN 2-9	Latitude: 32 55' 35"N	Longitude: 111 33' 40" W	No. of Acres: 46
Field ID: PN 2-10	Latitude: 32 55' 15" N	Longitude: 111 33' 50" W	No. of Acres: 33.3
Field ID: PN 2-11	Latitude: 32 55' 15" N	Longitude: 111 33' 40" W	No. of Acres: 33.5
Field ID: PN 2-12	Latitude: 32 55' 05"'N	Longitude: 111 33' 50" W	No. of Acres: 34.5
Field ID: PN 2-13	Latitude: 32 55' 05" N	Longitude: 111 33' 40" W	No. of Acres: 37.2
Field ID: PN 2-14	Latitude: 32 56' 05" N	Longitude: 111 33' 20" W	No. of Acres: 78
Field ID: PN 2-15	Latitude: 32 56' 15" N	Longitude: 111 33' 10" W	No. of Acres: 30.2
Field ID: PN 2-16	Latitude: 32 55' 05"N	Longitude: 111 33' 10" W	No. of Acres: 38.8
Field ID: PN 2-17	Latitude: 32 54' 55"N	Longitude: 111 33' 20" W	No. of Acres: 39.9
Field ID: PN 2-18	Latitude: 32 54' 55" N	Longitude: 111 33' 10" W	No. of Acres: 32.1
Field ID: PN 2-19	Latitude: 32 54' 40" N	Longitude: 111 33' 20" W	No. of Acres: 33
Field ID: PN 2-20	Latitude: 32 54' 40" N	Longitude: 111 33' 10" W	No. of Acres: 17.1
Field ID: PN 2-21	Latitude: 32 54' 35"N	Longitude: 111 33' 10" W	No. of Acres: 9.1



Arizona Department of Environmental Quality

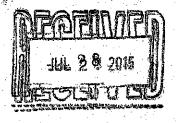


Henry R. Darwin Director

Notice of Acceptance - Biosolids Application Registration

July 20, 2015

Mr. Chris Marks Solid Solutions, LLC 12812 Valley View Street, #9 Garden Grove, CA 92845



Re: Land Application Site Registration for RPT Farms located at Township 6S, Range 8E, Section 6, 7 in Pinal County

Dear Mr. Marks:

The Arizona Department of Environmental Quality (ADEQ) received the above referenced request for registration on July 16, 2015. Upon reviewing this material, ADEQ has determined under A.A.C R18-9-1004 that your submittal is complete. Your registration is accepted. Please be advised that this registration is valid only for biosolids generated by City of Mesa – NMWRP and City of Mesa - GWRP; to be land applied on the named fields at the following coordinates:

Field ID	Latitude	Longitude	Total Acres	Township /Range / Section
PN 2-1	32 56' 05"N	111 33' 50"W	32,8	T:6S R:8E S:6,7
PN 2-2	32 56° 05"N	111 33' 40"W	35.2	T:68 R:8E S:6,7
PN 2-3	32 56' 05''N	111 33' 20"W	33.8	T:65 R:8E S:6,7
PN 2-4	32 55" 55"N	111.33' 50"W	72.1	T: 6S R:8E S:6,7
PN 2-5	32 55' 55'N	111 33' 20''W	23.5	T: 6S R:8E S:6,7
PN 2-6	32 55' 45"N	111 33' 40"W	23.2	T: 6S R:8E S:6,7
PN 2-7	32 55' 35''N	111 33' 50''W	27.3	T: 6S R:8E S:6,7
PN 2-8	32 55' 25"N	111 33' 50"W	16	T: 6S R:8E S:6,7
PN 2-9	32 55' 35''N	111 33' 40"W	46	T:6S R:8E S:6,7
PN 2-10	32 55' 15"N	111 33' 50"W	33.3	T: 6S R:8E S:6,7
PN 2-11	32 55' 15''N	111 33' 40"W	33.5	T: 6S R:8E S:6,7
PN 2-12	32 55' 05"N	111 33' 50"W	34.5	T: 6S R:8E S:6,7
PN 2-13	32 55' 05"N	111 33' 40"W	37.2	T: 6S R:8E S:6,7
PN 2-14	32 56' 05''N	111 33' 20"W	78	T: 6S R:8E S:6,7
PN 2-15	32 56' 15"N	111 33' 10"W	30.2	T: 6S R:8E S:6,7
PN 2-16	32 55' 05''N	111 33' 10"W	38.8	T: 6S R:8E S:6,7
PN 2-17	32 54' 55"N	111 33' 20"W	39.9	T: 6S R:8E S:6,7
PN 2-18	32 54' 55"N	111 33' 10"W	32.1	T: 6S R:8E S:6,7
PN 2-19	32 54' 40"N	111 33' 20"W	33	T: 6S R:8E S:6,7
PN 2-20	32 54' 40"N	111 33' 10"W	17.1	T: 6S R:8E S:6,7
PN 2-21	32 54' 35"N	111 33° 10"W	9.1	T: 6S R:8E S:6,7

Main Office

1110 West Washington Street • Phoenix, AZ 85007 (602) 771-2300 Southern Regional Office

400 West Congress Street • Sulte 433 • Tucson, AZ 85701 (520) 628-6733 www.azdeq.gov printed on recycled paper Page 2 of 2

As the registered land applicator you are required to comply with all applicable provisions as established in A.A.C. Title 18, Chapter 9, Article 10, titled "Disposal, use, and Transportation of Biosolids", for each land application site.

Your annual report is due on or before February 19 of the next year (A.A.C. R18-9-1014). Required forms and more information on land application of biosolids in Arizona can be found on the following site: <u>http://www.azdeq.gov/function/forms/appswater.html#bio</u>.

LTF#: 62745

Sincerely,

Danesa C/A

Danese Cameron, Administrative Assistant III Water Quality Director's Office

Cc: RPT Farms, Mark Poe, PO Box 824, Coolidge, AZ 85128
 City of Mesa – NMWRP, Ronnie Lopez, 960 N. Riverview Road, Mesa, AZ 85201
 City of Mesa – GWRP, Ronnie Lopez, 4400 S. Greenfield Road, Gilbert, AZ 85297

REF #: WQCFSU 16-0011

Are you an; Individual or Corporation/Association/Labor Union/Other Legal Entity GENERATOR/PREPARER OF BIOSOLIDS FACILITY TYPE V WWTP COMPOSTER BIOSOLIDS PROCESSING PUBLIC/PRIVATE Name of Company/Individuals: City of Mesa - NMWRP Telephone: 480-644-6014 Address: 960 N. Riverview Road City: Mesa State: AZ City: Mesa State: AZ Romain Lopez Telephone: 480-644-6014 NPDES #: State Equivalent (if applicable) AZ0024031 Specify #: State Equivalent Pathogen Treatment Alternative Class A – Alternative # Store Treatment Method: Option 1 Check here if you produce EQB. BIOSOLIDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report) As = 17.7 Cd = ND Cr = 74.6 Cn = 459 Pb = 5.72	ARIZO	Water (1110 W. W Ph	IENT OF ENVIR Quality Complian ashington Street, oenix, Arizona 8: 2 (voicemail 602-	ce Secti MO541 5007	on 15B-1
Name of Company or Individuals: Telephone: 760-801-3175 Fax: 714-799-0140 Address: Solid Solutions, L.L.C. Fax: Fax: 714-799-0140 Address: 3031 Franklin Ave City: Riverside State: CA Zip: 92507 Contact Person: Chris Marks NPDES Permit # (if applicable) Other Permits: Specify # Are you an: Individual Individual: or COMPOSTER BIOSOLIDS PROCESSING FACILITY TYPE V WWTP COMPOSTER Definition of Company/Individuals: City of Mesa - NMWRP Telephone: 480-644-6014 Address: 960 N. Riverview Road City: Mesa State: City: Mesa State: Contact Person: Ronnie Lopez Telephone: Telephone: 480-644-6014 Address: 960 N. Riverview Road State: City: Mesa State: AZ Zip: 85201 Contact Person: Contact Person: Ronnie Lopez	BIOSOLIDS LAND			TAL RE	QUEST
or Individuals: Solid Solutions, L.L.C. Fax: 714-799-0140 Address: 3031 Franklin Ave City: Riverside State: CA Zip: 92507 Contact Person: Chris Marks *****Email: chrisamarks@comcast.net NPDES Permit # (if applicable) Other Permits: Specify # Are you an: Individual or ✓ Corporation/Association/Labor Union/Other Legal Entity GENERATOR/PREPARER OF BIOSOLIDS FACILITY TYPE ✓ WWTP □ COMPOSTER □ BIOSOLIDS PROCESSING □ PUBLIC/PRIVATE Name of Company/Individuals: City of Mesa - NMWRP Telephone: 480-644-6014 Public/PRIVATE Address: 960 N. Riverview Road City: Mesa State: AZ Zip: 85201 Contact Person: Ronnie Lopez Telephone: 480-644-6014 NPDES #: State Equivalent Specify #: Pathogén Treatment Alternative □ Class A – Alternative #	APPLICATOR INFORMATIO	N			
City: Riverside State: CA Zip: 92507 Contact Person: Chris Marks ****Email: chrisamarks@comcast.net NPDES Permit # (if applicable) Other Permits: Specify # Are you an; Individual or ✓ Corporation/Association/Labor Union/Other Legal Entity GENERATOR/PREPARER OF BIOSOLIDS Generation/Association/Labor Union/Other Legal Entity FACILITY TYPE ✓ WWTP □ COMPOSTER □ BIOSOLIDS PROCESSING □ PUBLIC/PRIVATE Name of Company/Individuals: City of Mesa - NMWRP Telephone: 480-644-6014 Address: 960 N. Riverview Road		Telepi C. Fax: 7			<u>к</u>
Contact Person: Chris Marks ****Email: chrisamarks@com.cast.net NPDES Permit # (if applicable) Other Permits: Specify # Are you an: Individual or Corporation/Association/Labor Union/Other Legal Entity GENERATOR/PREPARER OF BIOSOLIDS FACILITY TYPE WWTP c COMPOSTER c BIOSOLIDS PROCESSING PUBLIC/PRIVATE Name of Company/Individuals: City of Mesa - NMWRP Telephone: 480-644-6014 PUBLIC/PRIVATE NAddress: 960 N. Riverview Road Telephone: 480-644-6014 PUBLIC/PRIVATE Contact Person: Ronnie Lopez Telephone: 480-644-6014 Telephone: 480-644-6014 NPDES #: State: AZ Zip: 85201 Contact Person: Ronnie Lopez Telephone: 480-644-6014 Specify #: Pathogen Treatment Alternative class A – Alternative #	Address: 3031 Franklin Ave	-			
NPDES Permit # (if applicable) Other Permits: Specify # Are you an; Individual or Corporation/Association/Labor Union/Other Legal Entity GENERATOR/PREPARER OF BIOSOLIDS GENERATOR/PREPARER OF BIOSOLIDS BIOSOLIDS PROCESSING PUBLIC/PRIVATE FACILITY TYPE V WWTP COMPOSTER BIOSOLIDS PROCESSING PUBLIC/PRIVATE Name of Company/Individuals: City of Mesa - NMWRP Telephone: 480-644-6014 PUBLIC/PRIVATE Name of Company/Individuals: City of Mesa - NMWRP Telephone: 480-644-6014 PUBLIC/PRIVATE Contact Person: Ronnie Lopez Telephone: 480-644-6014 PUBLIC/PRIVATE NPDES #: State: AZ Zip: 85201 Contact Person: Ronnie Lopez Telephone: 480-644-6014 PUBLIC/PRIVATE NPDES #: State Equivalent State Equivalent Specify #: Pathogen Treatment Alternative Class A - Alternative # Class B - Alternative # Scass A - Alternative # Vector Treatment Method: Option 1 Check here if you produce EQB EQB BIOSOLIDS METAL CONTENT IN Mg/kg ON DRY WEIGHT BASIS (attach analytical report) As = 17.7 Cd = ND Cr = 74.6 C	City: Riverside	State:	CA Zip: 92507		
Are you an; Individual or Corporation/Association/Labor Union/Other Legal Entity GENERATOR/PREPARER OF BIOSOLIDS FACILITY TYPE V WWTP COMPOSTER BIOSOLIDS PROCESSING PUBLIC/PRIVATE Name of Company/Individuals: City of Mesa - NMWRP Telephone: 480-644-6014 Address: 960 N. Riverview Road City: Mesa State: AZ City: Mesa State: AZ Romain Lopez Telephone: 480-644-6014 NPDES #: State Equivalent (if applicable) AZ0024031 Specify #: State Equivalent Pathogen Treatment Alternative Class A – Alternative # Store Treatment Method: Option 1 Check here if you produce EQB. BIOSOLIDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report) As = 17.7 Cd = ND Cr = 74.6 Cn = 459 Pb = 5.72	Contact Person: Chris Marks	**** <u>E</u>	mail: chrisamarks@com	cast.net	
GENERATOR/PREPARER OF BIOSOLIDS FACILITY TYPE ✓ WWTP □ COMPOSTER □ BIOSOLIDS PROCESSING □ PUBLIC/PRIVATE Name of Company/Individuals: City of Mesa - NMWRP Telephone: 480-644-6014 Address: 960 N. Riverview Road City: Mesa State: AZ Zip: 85201 Contact Person: Ronnie Lopez Telephone: 480-644-6014 NPDES #: State Equivalent (if applicable) AZ0024031 Specify #: Pathogen Treatment Alternative □ Class A – Alternative # √ Class B - Alternative # 5 Vector Treatment Method: Option 1 Check here if you produce EQB □ EQB BIOSOLIDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report) As = 17.7 Cd = ND Cr = 74.6 Cn = 459 Pb = 5.72	NPDES Permit # (if applicable)	Other Pe	rmits: Specify #		
FACILITY TYPE WWTP COMPOSTER BIOSOLIDS PROCESSING PUBLIC/PRIVATE Name of Company/Individuals: City of Mesa - NMWRP Telephone: 480-644-6014 Address: 960 N. Riverview Road Telephone: 480-644-6014 City: Mesa State: AZ Zip: 85201 Contact Person: Ronnie Lopez Telephone: 480-644-6014 NPDES #: NPDES #: State Equivalent State Equivalent (if applicable) AZ0024031 Specify #: Pathogen Treatment Alternative Class A – Alternative # 5 Vector Treatment Method: Option 1 Check here if you produce EQB. EQB BLOSOLIDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report) As = 17.7 Cd = ND Cr = 74.6 Cu = 459 Pb = 5.72	Are you an; 🛛 Individual or	✓Corporat	tion/Association/Labor U	nion/Other	Legal Entity
Name of Company/Individuals:City of Mesa - NMWRPTelephone: 480-644-6014Address:960 N. Riverview RoadCity:MesaState:AZCity:MesaState:AZContact Person:Ronnie LopezTelephone: 480-644-6014NPDES #:State Equivalent(if applicable)AZ0024031Specify #:Pathogen Treatment Alternative \Box Class A – Alternative # \int Class B - Alternative #Vector Treatment Method:Option1Check here if you produce EQB.BIOSOLHDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report)As =17.7Cd =NDCr =74.6Cu =459Pb =Pb =5.72	GENERATOR/PREPARER OF BIOSO	DLIDS			en generale en de la segue La constante de la segue
Address: 960 N. Riverview Road City: Mesa State: AZ Zip: 85201 Contact Person: Ronnie Lopez Telephone: 480-644-6014 NPDES #: State Equivalent (if applicable) AZ0024031 Specify #: Pathogen Treatment Alternative Class A – Alternative # \checkmark Class B - Alternative # 5 Vector Treatment Method: Option 1 Check here if you produce EQB. \Box EQB BIOSOLHDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report) Pb = 5.72 As = 17.7 Cd = ND Cr = 74.6 Cu = 459 Pb = 5.72	FACILITY TYPE 🗸 WWTP		BIOSOLIDS PROC	ESSING	D PUBLIC/PRIVATE
City: Mesa State: AZ Zip: 85201 Contact Person: Ronnie Lopez Telephone: $480-644-6014$ NPDES #: State Equivalent (if applicable) AZ0024031 Specify #: Pathogen Treatment Alternative Class A – Alternative # Class B - Alternative # Vector Treatment Method: Option 1 Check here if you produce EQB. EQB BIOSOLIDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report) As = 17.7 Cd = ND Cr = 74.6 Cu = 459 Pb = 5.72	Name of Company/Individuals: City of I	Mesa - NMWRP	Teleph	one: 480-64	44-6014
Contact Person: Ronnie Lopez Telephone: 480-644-6014 NPDES #: State Equivalent if applicable) AZ0024031 Specify #: Pathogen Treatment Alternative \Box Class A – Alternative # Class B - Alternative # Vector Treatment Method: Option I Check here if you produce EQB. \Box EQB BIOSOLIDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report) As = 17.7 Cd = ND Cr = 74.6 Cu = 459 Pb = 5.72	Address: 960 N. Riverview Road				
NPDES #: State Equivalent (if applicable) AZ0024031 Specify #: Pathogen Treatment Alternative □ Class A – Alternative # ✓ Class B - Alternative # Vector Treatment Method: Option 1 Check here if you produce EQB. □ EQB BIOSOLHDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report) As = 17.7 Cd = ND Cr = 74.6 Cu = 459 Pb = 5.72	City: Mesa	State:	AZ Zip: 85201		
Specify #: Pathogen Treatment Alternative Class A – Alternative # Class B - Alternative # 5 Vector Treatment Method: Option 1 Check here if you produce EQB. EQB BIOSOLIDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report) As = 17.7 Cd = ND Cr = 74.6 Cu = 459 Pb = 5.72	Contact Person: Ronnie Lopez	Teleph	one: 480-644-6014		
Vector Treatment Method: Option1Check here if you produce EQB.BIOSOLIDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report)As = 17.7Cd = NDCr = 74.6Cu = 459Pb = 5.72	NPDES #: (if applicable) AZ0024031	Specify	#:		
BIOSOLIDS METAL CONTENT IN Mg/Kg ON DRY WEIGHT BASIS (attach analytical report) As = 17.7 Cd = ND Cr = 74.6 Cu = 459 Pb = 5.72		·			#
As = 17.7 Cd = ND Cr = 74.6 Cu = 459 Pb = 5.72	Vector Treatment Method: Option				□ EQB
			and the second secon		
$H_{2}= 0.461$ Mo = 14.6 Ni = 29.9 Se = ND $Z_{11} = 673$		1			

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS:

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C, 1532. ADEQ encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely effect "historic properties."

DE REAL OF THE REA	ARIZ	Water Q 1110 W. W Ph	IENT OF ENVIR Juality Complian ashington Street oenix, Arizona 8 2 (voicemail 602	, MO5415B-1 5007
BIC	SOLIDS LAND	APPLICATION FOR REGIST	AND SUPPLEMEN	NTAL REQUEST
APPLICATOR	INFORMATIO	N		
Name of Company or Individuals:	Solid Solutions, L.L		none: 760-801-3175 14-799-0140	
Address: 3031 Fran	klin Ave	- <u> </u>		
City: Riverside		State:	CA Zip: 92507	
Contact Person: Chr	is Marks	****E	mail: chrisamarks@con	icast.net
NPDES Permit # (if	applicable)	Other Pe	rmits: Specify #	
Are you an:	Individual o	✓ Corporat	ion/Association/Labor U	nion/Other Legal Entity
GENERATOR/PRI	PARER OF BLOS	DLIDS		
FACILITY TYPE	✓ WWTP	COMPOSTER	BIOSOLIDS PROC	CESSING D PUBLIC/PRIVATE
Name of Company/I	dividuals: City of	Mesa - GWRP	Telepi	hone: 480-644-6014
Address: 4400 S. Gre	enfield Road			
City: Gilbert		State:	AZ City: Gilb	ert
Contact Person: Ron	nie Lopez	Teleph	one: 480-644-6014	
NPDES #: (if applicable) AZ0	024031	State E Specify	quivalent #:	
Pathogen Treatmen	Alternative 🛛 🤇	Class A – Alternative #	✓ Class B	- Alternative # <u>5</u>
Vector Treatment N	lethod: Option		Check here if you produc	e EQB. 🗆 EQB
BIOSOLIDS METAI	. CONTENT IN Mg	Kg ON DRY WEIGH	BASIS (attach analytic	al report)
As = 12.4	Cd = ND	Cr = 50.2	Cu = 318	Pb = ND
Hg= 0.524	Mo = 13.7	Ni = 27.1	Se = ND	Zn = 784
•		City of Mesa Complia NT SAMPLES: 11/06		

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS: A person shall not

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C. 1532. ADEQ encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely effect "historic properties."

ļ,

:

į

					В	iosolids Land	Applicati	on Registration Form – Page 2	
SITE SPECI	FIC INFO	RMATION	FOR APPI	ICATIO	SITE (cor	nplete for ea	ch site)		
Name of Com or Individuals	pany	「Farms			lephone: 52				
Address: PO	Box 824						· · ·		
City: Coolidg	ie .				State: A.	<u></u> _	Zip:	85128	
Contact Person	n: Mark Po)e		Te	lephone: 52	0-251-0446			
Site Location Cross streets/la Directions To Site:		-		e e l'anne anna anna anna anna anna anna anna				ven Mile Corner	
Nearest City or Town		<u></u>		Ku Last, 1		County:			
Description of □ Reclamation □ Other:		✓ Farm	in	cludes com	posting site	or biosolids	processing	g site	
Township: 6S	F	•		Range: 8	E	Ś	Section: 5		
Total Acres: 1	15.3			Depth to	Groundwate	er: <u>100+</u>	ft		
Field ID: PN	2-23	Latitude: 3:	2 55' 52" N	- 1 •. • •	Longitude: 111 32' 53" W No. of Acres: 39.3				
Field ID: PN	2-24	Latitude: 32	2 55' 56" N		Longitude: 111 32' 39" W No. of Acres: 37.5				
Field ID: PN	2-25	Latitude: 32	2 55' 46" N		Longitude	: 111 32* 38'	W	No. of Acres: 38.5	
						· ·			
SOIL METAL *Soil analysis is	CONTEN s only requ	T IN Mg/K ired if site ha	g ON DRY d previously	WEIGHT v received	BASIS biosolids an	d sludge appl	ication re	cords are not available.	
* Attach soil analysis, if	As=		Cd =	•	Cu =		Pt) =	
required above	Hg =		Ni =		Se =		Zn	=	
SLOPE:	✓ None	of the fields h	nave a slope	greater that	m 6%.				
Check the applicable	The side	ope is greater	than 6% on	part of the	site, biosoli	ds will not b	e applied t	to that portion.	
condition:	🗆 The sl	ope is greater	r than 6% ar	d NPDEŚ	Permit No.		app	lies to the site.	
PUBLIC NOTI	CE: 2 week	s required	D Proof of	f Public No	tice with the	e Request for	Registrat	ion is attached	
I CERTIFY TH	AT THE A	BOVE INFO	RMATION	IS COMP	LETE AND	TRUE TO J	HE BEST	F OF MY KNOWLEDGE.	
J.	ATURE	inf	Manag	er TITLE	•	03/04/	· .	TE	



Douglas A, Ducey Governor

Via Certified Mail March 14, 2019

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



Reading file: SWP19:0110

Notice of Acceptance - Biosolids Application Registration

Solid Solutions LLC Attention: Mr. Chris Marks 3031 Franklin Avenue Riverside, CA 92507

LTF #-75868; Land Application Site Registration for RPT Farms Re:

Dear Mr. Mark:

The Arizona Department of Environmental Quality (ADEQ) received the above referenced request for registration March 5, 2019 with a minor correction received on March 7, 2019. Upon reviewing this material, ADEQ has determined under A.A.C. R18-9-1004 that your submittal is complete, and your registration has been accepted. Please be advised that this registration is valid only for biosolids generated by City of Mesa-NMWRP, and City of Mesa-GWRP; to be land applied on the above named field(s) at the following coordinates:

Township: 6 N	Range: 8 W	Section:	5
Field#	Latitude	Longitude	Acres
PN 2-23	32° 55' 52"	111° 32' 53"	39.3
PN 2.24	32° 55' 56"	111° 32' 39"	37.5
PN2-25	32° 55' 46"	111° 32' 38"	38.5

As the registered land applicator you are required to comply with all applicable provisions as established in A.A.C. Title 18, Chapter 9, Article 10, titled "Disposal, use, and Transportation of Biosolids," for each land application site.

Please be advised that your annual report is due on or before February 19 of next year, and each subsequent year (A.A.C. R18-9-1014). Required forms and more information on land application of biosolids in Arizona can be found on the ADEQ website (www.azdeq.gov) by entering search terms, such as "Biosolids Annual Report Form", into the search bar in the upper right hand corner of your screen.

Thank you for your attention to AZPDES compliance. If you have any questions about this letter please contact me any time at (602) 771-4666 or by email francis.sondra@azdeg.gov.

Sincerely,

Sondra Francis, Project Manager Biosolids **AZPDES Surface Water Permits Unit** Surface Water Section, Water Quality Division

Main Office 1110 W. Washington Street * Phoenix, AZ 85007 (602) 771-2300

Southern Regional Office 400 W. Congress Street • Suite 433 • Tucson, AZ 85701 (520) 628-6733

www.azded.gov printed on recycled paper

	EAPRTMENT OF ENVIRONMENTAL QUALITY Water Quality Compliance Section 10 W. Washington Street, MO5415B-1 Phoenix, Arizona 85007 -771-4612 (voicemail 602-771-4505 (fax)
	ICATION AND SUPPLEMENTAL REQUEST R REGISTRATION**
APPLICATOR INFORMATION	
Name of Company or Individuals: Solid Solutions, L.L.C.	Telephone: 760-801-3175 Fax: 714-799-0140
Address: 12340 Seal Beach Blvd., Suite # B-383	
City: Scal Beach	State: CA Zip: 90740
Contact Person: Chris Marks	****Email: cmarks@solidstech.com
NPDES Permit # (if applicable)	Other Permits: Specify #
Are you an: 🛛 Individual or	✓ Corporation/Association/Labor Union/Other Legal Entity
GENERATOR/PREPARER OF BIOSOLIDS	
FACILITY TYPE 🗸 WWTP 🗅 COM	MPOSTER BIOSOLIDS PROCESSING PUBLIC/PRIVATE
Name of Company/Individuals: City of Mesa - GW	WRP Telephone: 480-644-6014
Address: 4400 S. Greenfield Road	
City: Gilbert	State: AZ Zip: 85296
Contact Person: Ronnie Lopez	Telephone: 480-644-6014
NPDES #: (if applicable) AZ0024031	State Equivalent Specify #:
Pathogen Treatment Alternative	Alternative # Class B - Alternative #
Vector Treatment Method: Option1	Check here if you produce EQB.
BIOSOLIDS METAL CONTENT IN Mg/Kg ON DF	RY WEIGHT BASIS (attach analytical report)
	64 Cu = 530 Pb = ND
Hg= 0.8 Mo = 19 Ni =	22 Se = ND Zn = 860
NAME OF LABORATORY UTILIZED: Aerotech 1 DATE AND NUMBER OF MOST RECENT SAMP1	

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS:

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C. 1532. ADEQ encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely effect "historic properties."

Biosolids Land Application Registration Form - Page 2

SITE SPECI	FIC INFC	RMATION	FOR APPI	ICATIO	N SITE (co	nplete fo	r each sit	e)			
Name of Con or Individuals		ington Valle	y Farms	Т	elephone: 60	2-670-11	22				
Address: P.	O. Box 10										
City: Arlingto	on				State: A	Z	C	City: Arli	ngton		
Contact Perso		ble		Te	elephone: 60	2-670-11	22				
Site Location Cross streets/I Directions To Site: : So	andmarks: I-10, Ex	it 103/339 th .	d. & 331 st A Ave & contin outhside of H	ue South,	:			1	.S. 80 the	en head	
Nearest City or Town	Arlington					Coun	ty: Marico	opa			
Description of □ Reclamation □ Other:		✓ Farm	in	cludes con	posting site	or biosol	lids proces	ssing site	÷		
Township: 15	5			Range:	5W		Section	n: 4,5,7,8,20),21,22,26,2	27,29	
Total Acres: 1	,263.1			Depth to	Groundwate	er: <u>25</u>	ft			•	
Field ID: MA	1-1	Latitude: 3	3° 16' 52"N	· · ·	Longitude: 112° 47' 12"W			No	of Acres	: 70.6	
Field ID: MA	1-2	Latitude: 3	3º 17' 17"N		Longitude: 112º 47' 37"W			No.	of Acres	: 105.6	:
Field ID: MA	.1-3	Latitude: 3	3° 17' 17"N		Longitude: 112° 47' 13"W No. of Acres: 52.3						
Field ID: MA	1-4	Latitude: 3	3º 17' 17"N		Longitude	: 112º 46	' 58"'W	No.	of Acres	: 41.6	·
Field ID: MA	1-5	Latitude: 3	3° 17' 02"N		Longitude	: 112º 47'	' 00"W	No.	of Acres	: 35.3	
SOIL METAL *Soil analysis i	CONTENS only requ	IT IN Mg/K ired if site ha	g ON DRY ad previously	WEIGHT received	BASIS biosolids an	l sludge a	uplication	1 records (are not av	vailable.	
* Attach soil analysis, if	As =		Cd =		Cu =	·		Pb =			
required above	Hg =		Ni =		Se =			Zn =			
SLOPE:	✓ None	of the fields	have a slope	greater tha	ın 6%.						
Check the applicable	🗆 The slo	ope is greater	than 6% on	part of the	site, biosoli	ds will no	ot be appli	ed to that	portion.		
condition:	🗆 The sl	ope is greate	r than 6% an	d NPDES	Permit No.		4	applies to	the site.		
PUBLIC NOTIO	CE: 2 week	s required	D Proof of	Public No	tice with the	Request	for Regist	tration is	attached		
I CERTIFY TH	AT THE A	BOVE INFO	DRMATION	IS COMP	LETE AND	TRUE T	O THE BI	EST OF M	AY KNO	WLEDG	E.
			· · · ·	· ·							
SIGN.	ATURE			TITLE			· .	DATE			

ADDITIONAL FIELDS

Field ID: MA 1-6	Latitude: 33º 16' 24"N	Longitude: 112° 48' 01"W	No. of Acres: 53.4
Field ID: MA 1-7	Latitude: 33° 16' 11"N	Longitude: 112° 48' 00"W	No. of Acres: 27.0
Field ID: MA 1-8	Latitude: 33º 16' 46"N	Longitude: 112º 47' 36"W	No. of Acres: 67.7
Field ID: MA 1-9	Latitude: 33º 16' 33"N	Longitude: 112° 47' 13"W	No. of Acres: 35.6
Field ID: MA 1-10	Latitude: 33º 16' 37"N	Longitude: 112º 46' 57"W	No. of Acres: 40.7
Field ID: MA 1-11	Latitude: 33º 16' 24"N	Longitude: 112º 46' 57"W	No. of Acres: 40.8
Field ID: MA 1-12a	Latitude: 33º 14' 40"N	Longitude: 112° 46' 77"W	No. of Acres: 47.0
Field ID: MA 1-12b	Latitude: 33º 14' 35"N	Longitude: 112º 46' 76"W	No. of Acres: 53.0
Field ID: MA 1-P1	Latitude: 33° 19' 04"N	Longitude: 112º 45' 49"W	No. of Acres: 28.7
Field ID: MA 1-P2	Latitude: 33° 18' 50"N	Longitude: 112° 45' 46"W	No. of Acres: 29.6
Field ID: MA 1-P3	Latitude: 33º 18' 55"N	Longitude: 112° 45' 43"W	No. of Acres: 43.9
Field ID: MA 1-P4	Latitude: 33° 19' 04"N	Longitude: 112° 45' 17"W	No. of Acres: 48.5
Field ID: MA 1-P5	Latitude: 33° 18' 51"N	Longitude: 112° 45' 05"W	No. of Acres: 19.3
Field ID: MA 1-P6	Latitude: 33º 19' 07"N	Longitude: 112° 44' 54"W	No. of Acres: 20.1
Field ID: MA 1-P7	Latitude: 33º 16' 24"N	Longitude: 112º 48' 01"W	No. of Acres: 40.0
Field ID: MA 1-P8	Latitude: 33º 18' 05"N	Longitude: 112° 45' 04"W	No. of Acres: 30.0
Field ID: MA 1-P9	Latitude: 33° 18' 46"N	Longitude: 112° 45' 06"W	No. of Acres: 14.3
Field ID: MA 1-P10	Latitude: 33º 18' 04"N	Longitude: 112° 45' 28"W	No. of Acres: 5.7
Field ID: MA 1-P11	Latitude: 33° 45' 39"N	Longitude: 112º 18' 31"W	No. of Acres: 20.4
Field ID: MA 1-P12	Latitude: 33º 18' 30"N	Longitude: 112º 45' 47"W	No. of Acres: 11.0
Field ID: MA 1-H1	Latitude: 33º 18' 27"N	Longitude: 112º 47' 02"W	No. of Acres: 106.0
Field ID: MA 1-H2	Latitude: 33º 18' 22"N	Longitude: 112° 47' 21"W	No. of Acres: 15.0
Field ID: MA 1-C1	Latitude: 33º 19' 22"N	Longitude: 112º 45' 24"W	No. of Acres: 14.4
Field ID: MA 1-C2	Latitude: 33º 19' 12"N	Longitude: 112° 45' 02"W	No. of Acres: 10.4
Field ID: MA 1-C3	Latitude: 33° 19' 13"N	Longitude: 112º 49' 50"W	No. of Acres: 14.2
Field ID: MA 1-W1	Latitude: 33º 19' 03"N	Longitude: 112º 44' 41"W	No. of Acres: 29.0
Field ID: MA 1-W2	Latitude: 33° 18' 59"N	Longitude: 112° 44' 29"W	No. of Acres: 36.0
Field ID: MA 1-W3	Latitude: 33º 19' 03"N	Longitude: 112º 44' 16"W	No. of Acres: 31.0
Field ID: MA 1-W4	Latitude: 33º 19' 04"N	Longitude: 112º 43' 58"W	No. of Acres: 25.0

ALCONTRACTOR	ARIZ	1110 W. Wa Pho	ENT OF ENVIE uality Complia shington Stree penix, Arizona (voicemail 602	nce Section t, MO5415B 85007	1
BIO	SOLIDS LAND	APPLICATION A FOR REGIST		NTAL REQU	EST
APPLICATOR 1	NFORMATIO	N			
Name of Company or Individuals:	Solid Solutions, L.I		one: 760-801-3175 4-799-0140	··· .	
Address: 12812 Vall	ey View St, #9				
City: Garden Gr	ove	State: C	CA Zip: 9284.	; ;	
Contact Person: Chri	s Marks	****En	ail: chrisamarks@coi	ncast.net	
NPDES Permit # (if a	pplicable)	Other Peri	nits: Specify #		
Are you an:	Individual o	r 🗸 Corporati	on/Association/Labor	Union/Other Legal	Entity
GENERATOR/PRE	PARER OF BIOS	OLIDS			
FACILITY TYPE	✓ WWTP	COMPOSTER	□ BIOSOLIDS PRO	CESSING 🗆	PUBLIC/PRIVATE
Name of Company/In	dividuals: City of	San Bernardino	Telep	hone: 909-384-55	10
Address: 399 Chandle	r Place				
City: San Bernardino		State: C	A City: Sar	Bernardino	
Contact Person: Rich	ard Casas	Telepho	ne: 909-384-5510		
NPDES #: (if applicable)		State Eq Specify			
Pathogen Treatment	Alternative D (Class A – Alternative # _	<u> ✓ Class B</u>	Alternative #	5
Vector Treatment M	ethod: Option	C	heck here if you produ	ce EQB.	<u>рв</u>
BIOSOLIDS METAL	CONTENT IN Mg	Kg ON DRY WEIGHT		cal report)	
	Cd = 1.0	Cr = 40	Cu = 491	Pb = 18	•
	$M_0 = 11$	Ni= 16	Se= 1.0	Zn= 861	

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS:

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C. 1532. ADEQ encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely affect "historic properties."

THE REAL PROPERTY OF THE PROPE	ARIZ	Water Q 1110 W. W Ph	IENT OF ENVIRC Quality Compliance ashington Street, oenix, Arizona 85 & (voicemail 602-7	e Secti MO54 007	ion 15B-1
BI	DSOLIDS LAN	D APPLICATION FOR REGIST	AND SUPPLEMEN'	TAL RI	EQUEST
APPLICATOR	INFORMATIC	Ň			
Name of Company or Individuals:	Solid Solutions, L.		one: 760-801-3175 14-799-0140		
Address: 12812 Va	lley View St, #9				
City: Garden G	rove	State:	CA Zip: 92845		2
Contact Person: Ch	ris Marks	**** <u>E</u>	mail: chrisamarks@comc	ast.net	
NPDES Permit # (if	applicable)	Other Pe	mits: Specify #		
Are you an:	Individual c	or Corporat	ion/Association/Labor Un	ion/Other	Legal Entity
GENERATOR/PR	EPARER OF BIOS	OLIDS	a tanàna dia 2000 amin'ny dia 2000. No ben'ny tanàna mandritra dia kaominina dia kaominina dia kaominina dia kaominina dia kaominina dia kaominina d		
FACILITY TYPE	✓ WWTP	COMPOSTER	BIOSOLIDS PROCE	SSING	D PUBLIC/PRIVATE
Name of Company/I	ndividuals: City of	Mesa - GWRP	Telepho	ne: 480-6	44-6014
Address: 4400 S. Gr	eenfield Road				
City: Gilbert		State:	AZ City: Gilber	t	
Contact Person: Ror	nie Lopez	Telepho	one: 480-644-6014		
NPDES #: (if applicable) AZ0	024031	State E Specify	quivalent #:		
Pathogen Treatmen	t Alternative	Class A – Alternative #	✓ Class B - A	Alternativ	e#5
Vector Treatment N	fethod: Option	(Check here if you produce	EQB.	□ EQB
BIOSOLIDS META	L CONTENT IN M	Kg ON DRY WEIGH	FBASIS (attach analytical	report)	
As = ND	Cd = ND	Cr = 36	Cu = 350	Pb ≂	ND
Hg= 0.67	Mo = 16	$N_i = 19$	Se = ND	Zn =	780
NAME OF LABORA	ER OF MOST RECI	Test America, Phoenin INT SAMPLES: 4/7/1	e de la companya de l		

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS:

4

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C. 1532. ADEQ encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely effect "historic properties."



ARIZONA DEAPRTMENT OF ENVIRONMENTAL QUALITY Water Quality Compliance Section 1110 W. Washington Street, MO5415B-1 Phoenix, Arizona 85007 602-771-4612 (voicemail 602-771-4505 (fax)

BIOSOLIDS LAND APPLICATION AND SUPPLEMENTAL REQUEST FOR REGISTRATION**

APPLICATOR INFORMATION

Name of Company or Individuals: Solid Solutions, L.L.C. Telephone: 760-801-3175 Fax: 714-799-0140

Address: 12340 Seal Beach Blvd., Suite # B-383

City:Seal BeachState:CAZip:90740Contact Person:Chris Marks****Email:cmarks@solidstech.com

NPDES Permit # (if applicable) Other Permits: Specify #

Are you an: 🛛 Individual or Corporation/Association/Labor Union/Other Legal Entity

GENERATOR/PREPARER OF BIOSOLIDS

FACILITY TYPE	✓ WWTP		BIOSOLIDS PRO	DCESSING a	PUBLIC/PRIVATE
Name of Company/In	ndividuals: City of	Mesa - NMWRP	Tele	phone: 480-644-60)14
Address: 960 N. Rive	erview Road			· ·	
City: Mesa		State:	AZ Zip: 852	201	
Contact Person: Ron	nie Lopez	Teleph	one: 480-644-6014		
NPDES #: (if applicable) AZ00	<u>24031</u>	State E Specif	quivalent /#:		
Pathogen Treatment	t Alternative 🛛 🗆 🤇	Class A – Alternative #	✓Class I	3 - Alternative #	5
Vector Treatment M	lethod: Option	1	Check here if you prod	uce EQB. 🗆 E	QB
BIOSOLIDS METAL	. CONTENT IN Mg	Kg ON DRY WEIGH	T BASIS (attach analy	ical report)	
As = ND	Cd = ND	Cr = 86	Cu = 630	Pb = ND)
Hg ≕ - 1, 4	Mo = ND	Ni = 39	Se= ND	Zn = 950	0
NAMEOFIABODA	TOPY UTILIZED.	City of Masa Comple	mon Laboratora	· · · · ·	

NAME OF LABORATORY UTILIZED: City of Mesa Compliance Laboratory DATE AND NUMBER OF MOST RECENT SAMPLES: 10/7/10

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS:

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C. 1532. ADEQ encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely effect "historic properties."



ARIZONA DEAPRTMENT OF ENVIRONMENTAL QUALITY Water Quality Compliance Section 1110 W. Washington Street, MO5415B-1 Phoenix, Arizona 85007 602-771-4612 (voicemail 602-771-4505 (fax)

,

BIOSOLIDS LAND APPLICATION AND SUPPLEMENTAL REQUEST FOR REGISTRATION**

APPLICATOR INFORMATION

Name of Company or Individuals: Solid Solutions, L.L.C.

Telephone: 760-801-3175 Fax: 714-799-0140

Address: 12812 Valley View St, #9 Garden Grove

City:

State: CA Zip: 92845

****Email: chrisamarks@comcast.net Contact Person: Chris Marks

NPDES Permit # (if applicable)

Other Permits: Specify #

Are you an: Individual Corporation/Association/Labor Union/Other Legal Entity or

GENERATOR/PREPARER OF BIOSOLIDS

FACILITY TYPE	✓ WWTP	COMPOSTER	BIOSOLIDS PROCESS	SING D PUBLIC/PRIVATE
Name of Company/In	ndividuals: LACSD	– Carson WWTP	Telephone	: 562-699-7411
Address: 24501 S. Fig	gueroa			
City: Carson		State:	CA City: Carson	
Contact Person: Matt	t Bao	Teleph	one: 562-699-7411	
NPDES #: (if applicable)		State E Specify	quivalent /#:	
Pathogen Treatment	t Alternative 🛛 🗆 🗆	lass A – Alternative #	✓Class B - Alt	ernative # <u>5</u>
Vector Treatment M	fethod: Option		Check here if you produce EC	QB. 🗆 EQB
BIOSOLIDS METAL	. CONTENT IN Mg	Kg ON DRY WEIGH	T BASIS (attach analytical re	port)
As = 8.6	Cd = 6.7	Cr = 94	Cu = 390	Pb = 26
Hg= 1.0	Mo= 20	Ni= 50	Se= 19	Zn= 720
NAME OF LABORA	TORY UTILIZED:	Test America, Irvine,	CA	

DATE AND NUMBER OF MOST RECENT SAMPLES: 10/5/10

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS:

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C. 1532. ADEO encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely effect "historic properties."

	Water 1110 W. V P	MENT OF ENVIRONM Quality Compliance S Vashington Street, MC hoenix, Arizona 85007 12 (voicemail 602-771-	ection)5415B-1
BIOSOLID		NAND SUPPLEMENTAL STRATION**	REQUEST
APPLICATOR INFOR	MATION		
Name of Company or Individuals: Solid Sol		phone: 760-801-3175 714-799-0140	
Address: 12812 Valley View	St, #9		
City: Garden Grove	State	: CA Zip: 92845	
Contact Person: Chris Marks	****	Email: chrisamarks@comcast.ne	et
NPDES Permit # (if applicable) Other P	ermits: Specify #	
Are you an: 🛛 Individ	ual or Corpor	ation/Association/Labor Union/C	Other Legal Entity
GENERATOR/PREPARER	OF BIOSOLIDS		
FACILITY TYPE 🖌 W	WTP 🛛 COMPOSTER	BIOSOLIDS PROCESSIN	NG 🗆 PUBLIC/PRIVATE
Name of Company/Individuals	: City of Riverside	Telephone: 9	009-351-6140
Address: 5950 Acom St			
City: Riverside	State:	CA City: Riverside	
Contact Person: Bill Pounds	Telep	hone: 909-351-6140	
NPDES #: (if applicable)	State Speci	Equivalent fy #:	
Pathogen Treatment Alternat	ive 🗆 Class A – Alternative	# Class B - Altern	native # <u>5</u>
Vector Treatment Method: (Option1	Check here if you produce EQB	B. □EQB
BIOSOLIDS METAL CONTE	NT IN Mg/Kg ON DRY WEIGI	IT BASIS (attach analytical repo	nt)
As = 7.0 Cd =	2.0 $Cr = 46$	Cu = 870 P	Pb = 21
Hg= 1.5 Mo=	21 Ni= 23	Se= 5.0 Z	Zn= 994
NAME OF LABORATORY U DATE AND NUMBER OF MC	TILIZED: A&L Eastern	╶┈╓╝┺╌╌╤╌╌╴╶╌╌╤╼┄╤╶╖╌╌╌╶┹╌╴	

**ADEQ review of your application is subject to Licensing time frames (LTF) statue under A.R.S.

41-2072 through 41-1079 and the licensing time frames rules under A.A.C. R18-1-501 through R18-1-525. The review time is 15 days.

NOTE TO APPLICATORS:

A person shall not apply bulk biosolids to the land if the biosolids are likely to adversely affect a threatened or endangered species as listed under section 4 of the Endangered Species Act (16 U.S.C 1553), or its designated critical habitat defined in 16 U.S.C. 1532. ADEQ encourages applicators to inquire with the U.S. Fish and Wildlife Service to determine if the proposed application may have an adverse affect.

Applicators should contact the Arizona State Parks Board to confirm that biosolids land application activities at a specific site do not adversely effect "historic properties,"

Biosolids Land Application Registration Form – Page 2

SITE SPECH	FIC INFO	RMATION FOR APPI	JCATI	ON SITE (com	plete for each site)	
Name of Com or Individuals		ngton Valley Farms		Telephone: 602-	-670-1122	
Address: P.C). Box 10					
City: Arlingto	n in the second			State: AZ	City	: Arlington
Contact Person	1: Gary Ga	ble		Telephone: 602-	670-1122	
Directions		Arlington Rd. & 331 st A to Hwy 85 South. Turn	te de la composición			Canai (wy 80. Farm on the left.
Nearest City or Town	Arlington				County: Maricopa	1
Description of □ Reclamation □ Other:		✓ Farmiin	cludes co	omposting site o	r biosolids processin	ng site
Township: 3S			Range:	4W	Section: 2	0, 29, 32, 33
Total Acres: 9	87.7		Depth	to Groundwater	: <u>25</u> ft	
Field ID: MA	1-R11	Latitude: 33° 09' 20"N	-	Longitude:	112º 41' 30"W	No. of Acres: 79.8
Field ID: MA	1-R12	Latitude: 33º 09' 20"N		Longitude:	112° 41' 15"W	No. of Acres: 104.1
Field ID: MA	1-R13	Latitude: 33º 09' 05"N		Longitude:	112° 41' 15"W	No. of Acres: 10.3
Field ID: MA	1-R14	Latitude: 33° 09' 05"N		Longitude:	112º 41' 30"W	No. of Acres: 7.7
Field ID: MA	1-R15	Latitude: 33° 09' 05"N	·	Longitude:	112º 41' 40"W	No. of Acres: 29.3
		T IN Mg/Kg ON DRY			sludge application re	cords are not available.
* Attach soil analysis, if	As =	Cd =		Cu =	Ē	Ъ=
required above	Hg =	Ni =		Se =	Z	n =
SLOPE:	✓ None	of the fields have a slope	greater t	han 6%.		······································
Check the applicable	• The sk	ope is greater than 6% on	part of t	he site, biosolid	s will not be applied	to that portion.
condition:						
PUBLIC NOTIO	CE: 2 week	s required 🛛 Proof o	f Public 1	Notice with the l	Request for Registra	tion is attached
I CERTIFY TH	AT THE A	BOVE INFORMATION	IS CON	(PLETE AND 7	IRUE TO THE BES	T OF MY KNOWLEDGE.
	· ·				······	
SIGN	ATURE		TITLE	3	<u>D</u>	ATE

. •

Field ID: MA 1-R16N	Latitude: 33° 08' 55"N	Longitude: 112º 41' 15"W	No. of Acres: 46.8
Field ID: MA 1-R16S	Latitude: 33º 08' 35"N	Longitude: 112º 41' 15"W	No. of Acres: 75.9
Field ID: MA 1-R17N	Latitude: 33° 08' 55"N	Longitude: 112° 41' 30"W	No. of Acres: 40.6
Field ID: MA 1-R17S	Latitude: 33° 08' 35"N	Longitude: 112º 41' 30"W	No. of Acres: 68.2
Field ID: MA 1-R18	Latitude: 33° 08' 55"N	Longitude: 112º 41' 40''W	No. of Acres: 34.5
Field ID: MA 1-R19	Latitude: 33° 08' 45"N	Longitude: 112º 41' 40"W	No. of Acres: 34.3
Field ID: MA 1-R20	Latitude: 33º 08' 35"N	Longitude: 112° 41' 40"W	No. of Acres: 29.1
Field ID: MA 1-R21	Latitude: 33° 08' 30"N	Longitude: 112º 41' 40"W	No. of Acres: 18.3
Field ID: MA 1-R22	Latitude: 33º 08' 25"N	Longitude: 112° 41' 40"W	No. of Acres: 21.4
Field ID: MA 1-R23	Latitude: 33° 08' 15"N	Longitude: 112º 41' 20"W	No. of Acres: 30.1
Field ID: MA 1-R24	Latitude: 33° 08' 07"N	Longitude: 112º 41' 20"W	No. of Acres: 31.9
Field ID: MA 1-R25	Latitude: 33º 08' 07"N	Longitude: 112º 41' 30"W	No. of Acres: 9.9
Field ID: MA 1-R26	Latitude: 33° 08' 00"N	Longitude: 112º 41' 20"W	No. of Acres: 37.4
Field ID: MA 1-R27	Latitude: 33º 07' 55"N	Longitude: 112° 41' 20"W	No. of Acres: 41.8
Field ID: MA 1-R28	Latitude: 33° 07' 45"N	Longitude: 112º 41' 20"W	No. of Acres: 90.8
Field ID: MA 1-R29	Latitude: 33° 07' 35"N	Longitude: 112º 41' 20"W	No. of Acres: 67.6
Field ID: MA 1-R30	Latitude: 33° 07' 45"N	Longitude: 112° 41' 00"W	No. of Acres: 77.9

ADDITIONAL FIELDS

 $\left(\begin{array}{c} \\ \end{array} \right)$



Janice K. Brewei Governor

Arizona Department of Environmental Quality

1110 West Washington Street • Phoenix, Arizona 85007 (602) 771-2300 • www.azdeq.gov



Henry R. Darwin Director

Notice of Acceptance Biosolids Application Registration

October 31, 2011

LTF: # 55067 Ref: # AU12-088

Mr. Chris Marks Solid Solutions, L.L.C. 12812 Valley View St, #9 Garden Grove, Ca. 92845

Re: Land Application Site Registration and Generators for Arlington Farms

Dear Mr. Marks:

The Arizona Department of Environmental Quality (ADEQ) received the above referenced request for registration on October 27, 2011. Upon reviewing this material, ADEQ has determined under A.A.C R18-9-1004 that your submittal is complete. Your registration is accepted. Please be advised that this registration is valid only for biosolids generated by the City of Mesa – GWRP, City of Mesa - NMWRP, Carson WWTP (LACSD), City of Riverside WWTP and City of San Bernardino, to be land applied only at the fields that are now registered, with the following center field coordinates:

	Field ID	Latitude	Longitude	Field ID	Latitude	Longitude	
	MA 1- R11	N 33 09 20	W112 41 30	MA 1- R12	N 33 09 20	W 112 41 15	
,	MA 1- R13	N 33 09 20	W112 41 15	MA 1- R14	N 33 09 05	W 112 41 30	
	MA 1- R15	N 33 09 05	W112 41 40	MA 1- R16N	N 33 08 55	W 112 41 15	
	MA 1- R16S	N 33 08 35	W 112 41 15	MA 1- R17N	N 33 08 55	W 112 41 30	
	MA 1-R17S	N 33 08 35	W 112 41 30	MA 1- R18	N 33 08 55	W 112 41 40	
	MA 1- R19	N 33 08 45	W 112 41 40	MA 1- R20	N 33 08 35	W 112 41 40	
	MA 1- R21	N 33 08 30	W 112 41 40	MA 1- R22	N 33 08 25	W 112 41 40	
	MA 1- R23	N 33 08 15	W 112 41 20	MA 1- R24	N 33 08 07	W 112 41 20	
	MA 1- R25	N 33 08 07	W 112 41 30	MA 1- R26	N 33 08 00	W 112 41 20	
	MA 1- R27	N.33 07 55	W 112 41 20	MA 1- R28	N 33 07 45	W 112 41 20	
	MA 1- R29	N 33 07 35	W 112 41 20	MA 1- R30	N 33 07 45	W 112 41 00	
						A	

Southern Regional Office 400 West Congress Street • Suite 433 • Tucson, AZ 85701 (520) 628-6733

Printed on recycled paper

<u>J Farms</u>

- Denali falsely reports J Farms has a total of 700 acres available between 2 farms. (Denali's exhibit D)
 - The ADEQ registration form indicates 17 fields (517 acres approximately) located in Sections 10 and 11 Township 4 South Range 8 East.
 - Section 10 is 100% desert and has no cropland.
 - Section 11 is subdivisions and wastewater lagoons.

EXHIBIT D - Registered Land

If bidding on and awarded Group A or Group E for Land Application of Biosolids, Bidder must demonstrate the availability of a sufficient number of acres of land registered by the Bidder with the State of Arizona for the dedicated acceptance of all Pima County Biosolids. The availability of land registered must span the life of the Agreement. At the time of bid submission, Bidder must demonstrate land potentially available by providing discussions with potential landowners. Final contracts must be put in place and provided to the County within 30-days of notification of contract award but not later than fifteen (15) days prior to commencement of award.

Submit additional copies of this form and its attachments as necessary to document all available registered land available for use under any contract resulting from this solicitation.

1.	
Land Description including acreage	Two Farms totalling 700 acres operated by the same farmer in the Coolidge, AZ area J Farms
Land Address	Coolidge, Arizona
Land Owner	Jaime Shaw
Attached are the following document(s)	BEQ request to register land for biosolids application DEQ land registration document Land owner consent to use land for biosolids application Other – Specify

2.	
Land Description including acreage	Farm totalling 840 acres operated by farmer RPT Farms
Land Address	Coolidge, Arizona
Land Owner	Dale Andersen
Attached are the following document(s)	

3.					
Land Description including acreage	Two farms totalling 2,250 acres farmed by the same farmer Arlington Farms			· · ·	
Land Address	Arlington, Arizona			· · · · · · · · · · · · · · · · · · ·	
Land Owner	Gary Gable			an e K	
	DEQ request to register land for biosolids application		· · · · · · · · · · · · · · · · · · ·		<i>.</i>
Attached are the	& DEQ land registration document				·
following document(s)	□ Land owner consent to use land for biosolids application	•			
	D Other - Specify	1. A.			

EXHIBIT D: Registered Land

Page 1 of 1

rvised 7/15/19

J FARMS

<u>J Farms</u>

Ĉ

(

- Denali falsely reports J Farms has a total of 700 acres available between 2 farms. (Denali's exhibit D)
 - The ADEQ registration form indicates 17 fields (517 acres approximately) located in Sections 10 and 11 Township 4 South Range 8 East.
 - Section 10 is 100% desert and has no cropland.
 - Section 11 is subdivisions and wastewater lagoons.

EXHIBIT D – Registered Land

If bidding on and awarded Group A or Group E for Land Application of Biosolids, Bidder must demonstrate the availability of a sufficient number of acres of land registered by the Bidder with the State of Arizona for the dedicated acceptance of all Pima County Biosolids. The availability of land registered must span the life of the Agreement. At the time of bid submission, Bidder must demonstrate land potentially available by providing discussions with potential landowners. Final contracts must be put in place and provided to the County within 30-days of notification of contract award but not later than fifteen (15) days prior to commencement of award.

Submit additional copies of this form and its attachments as necessary to document all available registered land available for use under any contract resulting from this solicitation.

1.	
Land Description including acreage	Two Farms totalling 700 acres operated by the same farmer in the Coolidge, AZ area J Farms
Land Address	Coolidge, Arizona
Land Owner	Jaime Shaw
Attached are the following document(s)	 DEQ request to register land for biosolids application DEQ land registration document Land owner consent to use land for biosolids application Other – Specify

2.	
Land Description	Farm totalling 840 acres operated by farmer RPT Farms
Land Address	Coolidge, Arizona
Land Owner	Dale Andersen
Attached are the following document(s)	x DEQ request to register land for biosolids application xDEQ land registration document 참 Land owner consent to use land for biosolids application
accumentay	Other Specify

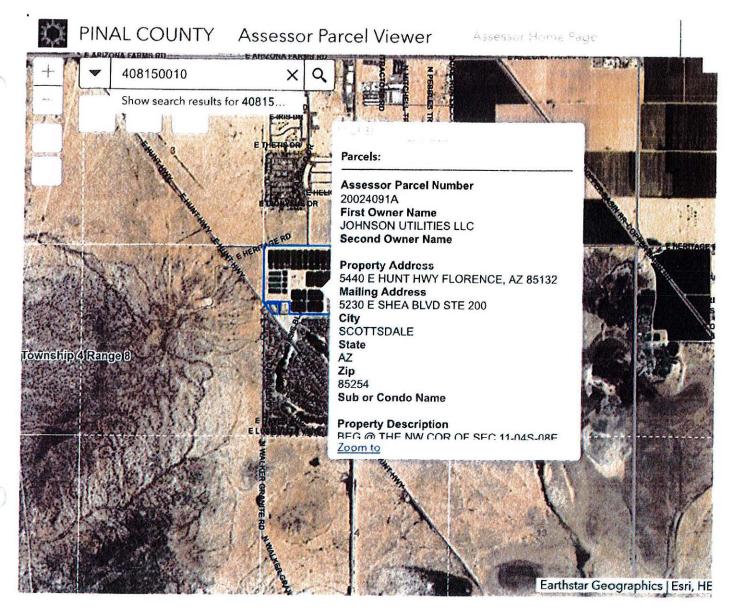
3.	
Land Description including acreage	Two farms totalling 2,250 acres farmed by the same farmer Arlington Farms
Land Address	Arlington, Arizona
Land Owner	Gary Gable
Attached are the	DEQ request to register land for biosolids application S DEQ land registration document
following document(s)	Land owner consent to use land for biosolids application Other – Specify

vised 7/15/19

J Farms – Denali indicates on exhibit D that J Farms has a total of 700 acres available between 2 farms. The ADEQ registration form indicates 17 fields (517 acres approximately) located in Sections 10 and 11 Township 4 South Range 8 East.

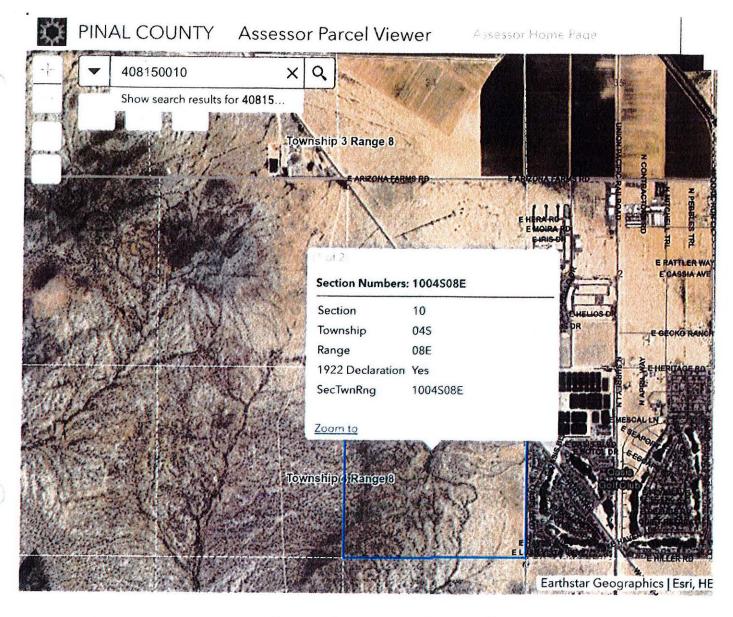
(

Section 10 is 100% desert and has no cropland. Section 11 is subdivisions and wastewater lagoons.



J Farms: Land is subdivisions and Wastewater legcons

0.6mi



J Farms Land is desert



Arlington Farms

• Denali falsely reports Arlington Farms has 2,250 acres is available in 2 separate listings.

Listing 1

- Sections 4,5,7,8,20,21,22,26,27,29 Township 1 South Range 5 West (no maps were included).
 - According to Maricopa County Assessor maps, Sections 4, 5, 8, 20 are all desert land.
 - Section 22 is approximately 90% desert.
 - Section 7 and section 21 are subdivisions.
- Denali indicates land is owned by Gary Gable (Exhibit D).
 - County assessor maps show Cropland portions of Sections 22, 26, 27, and 29 (approximately 400 acres) are owned by Saddle Mountain Ranch LLC
 - Stat agents Bryn Elyse & Roemhildt Gordon

Listing 2

(

• The second listing includes approximately 600 acres.

The combined acreage from both listings is approximately 1,000 acres which is less than half of the amount falsely reported as available.

All of the land reported in Denali bid is currently only registered for the following generators:

- 1. City of Mesa, Arizona (2 locations)
- 2. Los Angeles California County Sanitation District
- 3. City of Riverside California
- 4. City of San Bernadino California
- 5. City of Gilbert, Arizona

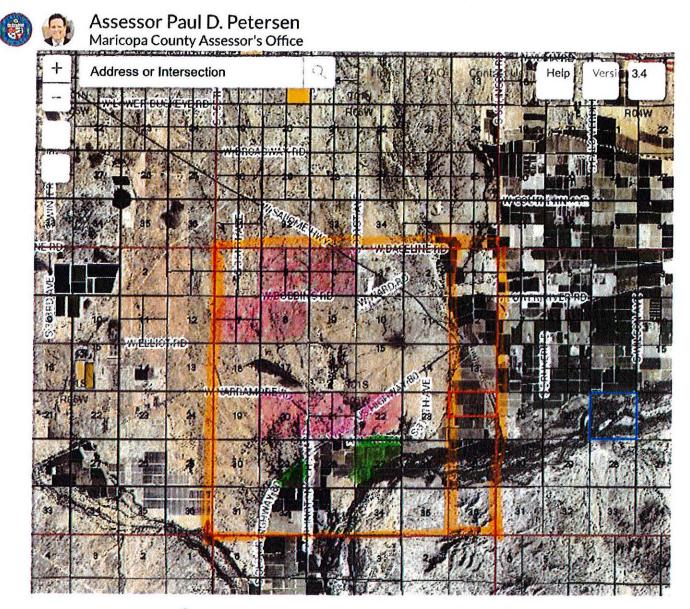
Denali indicates Arlington Farms has 2,250 acres is available in 2 separate listings. The first includes Sections 4,5,7,8,20,21,22,26,27,29 Township 1 South Range 5 West (no maps were included). According to Maricopa County Assessor maps, Sections 4, 5, 8, 20 are all desert land. Section 22 is approximately 90% desert. Section 7 and section 21 are subdivisions.

Denali indicates land is owned by Gary Gable (Exhibit D). County assessor maps show Cropland portions of Sections 22, 26, 27, and 29 (approximately 400 acres) are owned by Saddle Mountain Ranch LLC indicating the agents as Bryn Elyse Roemhildt Gordon as the agent.

The second listing includes approximately 600 acres. The combined acreage from both listings is approximately 1,000 acres which is less than half of the amount indicated as available.

All of the land indicated in Denali bid is currently only registered for the following generators:

- 1. City of Mesa, Arizona (2 locations)
- 2. Los Angeles California County Sanitation District
- 3. City of Riverside California
- 4. City of San Bernadino California
- 5. City of Gilbert, Arizona



ARLING TON VALLEY FARMS

Descrit Township I South Range 5 West Captured a 160 Acres

2mi -112.680685 33.401435 Degrees

Entity Information

Search Date and Time: 12/13/2019 1:46:48 PM

ŕ

ł

Entity Details	
	Entity Name:
SADDLE MOUNTAIN RANCH LLC	Entity ID:
L18715597	Entity Type:
Domestic LLC	Endly type.
Active	Entity Status:
9/4/2013	Formation Date:
9/4/2013	Reason for Status:
In Good Standing	Approval Date:
9/6/2013	
	Status Date:
9/4/2013	Original Incorporation Date:
	Life Period:
Perpetual	Business Type:
	Last Annual Report Filed:
	Domicile State:
Arizona	Annual Banast Dua Data
	Annual Report Due Date:
	Years Due:
	Original Publish Date:

Statutory Agent Information gov/privacy-policy) I Contact Us (http://azcc.gov/corporations/corporation-contacts)

۱,

BRYN ELYSE ROEMHILDT GORDON

Active

í

ĺ

2745 E SADDLE MOUNTAIN RD , CAVE CREEK, AZ 85331, USA

9/6/2013

E-mail:

Attention:

Mailing Address:

Agent Last Updated:

County:

Principal Information

Title	Name	Attention	Address	Date of Taking Office	Last Updated
Member	BRYN ELYSE ROEMHILDT GORDON		2745 E SADDLE MOUNTAIN RD, CAVE CREEK, AZ, 85331, USA	9/4/2013	9/6/2013

Page 1 of 1, records 1 to 1 of 1

Entity Known Place of Business

Attention:

Address: 2745 E SADDLE MOUNTAIN RD, CAVE CREEK, AZ, 85331, USA

County: Maricopa

Last Updated: 9/5/2013

Entity Principal Office Address

Attention:

Address:

County:

Last Updated:

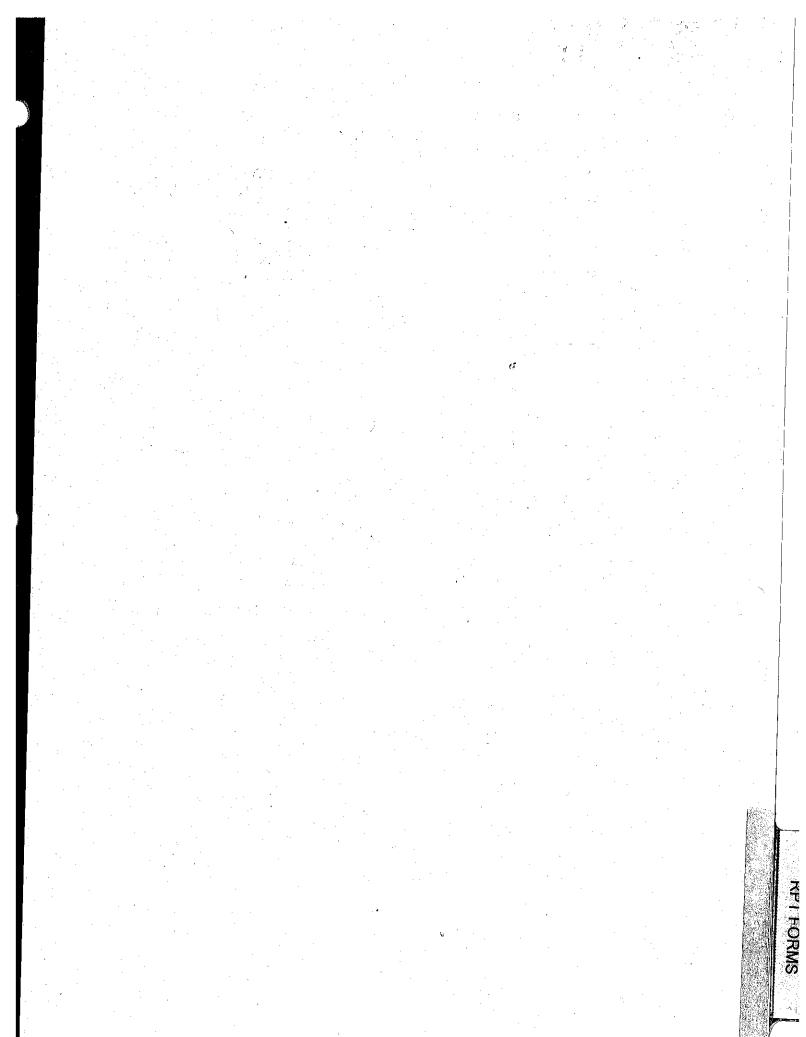
Privacy Policy (http://azcc.gov/privacy-policy) | Contact Us (http://azcc.gov/corporations/corporation-contacts)

Name:

Attention:

Address:

Appointed Status:



<u>RPT Farms</u>

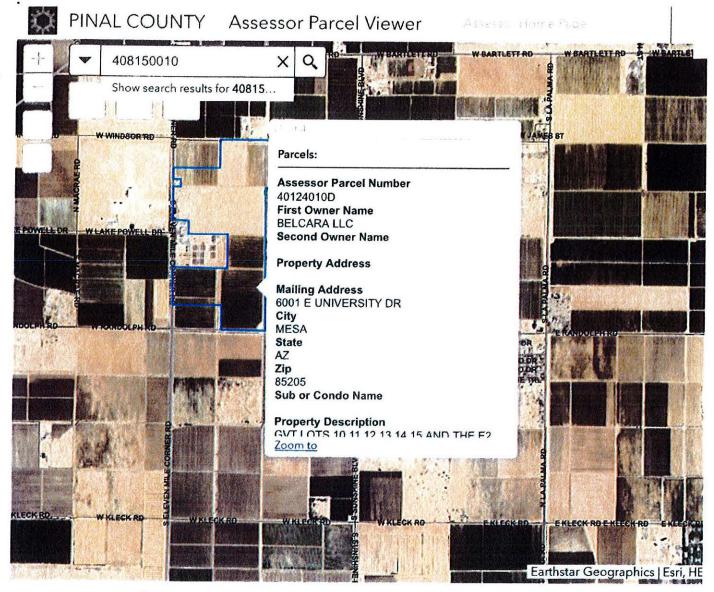
ſ

- Denali falsely reports 840 acres available
- Denali falsely report landowner is Dale Anderson.
 - Pima Co Assessor maps shows land is owned by Belcara LLC, Eleven Mile Kleck LLLP, and RUC Holdings ULC.

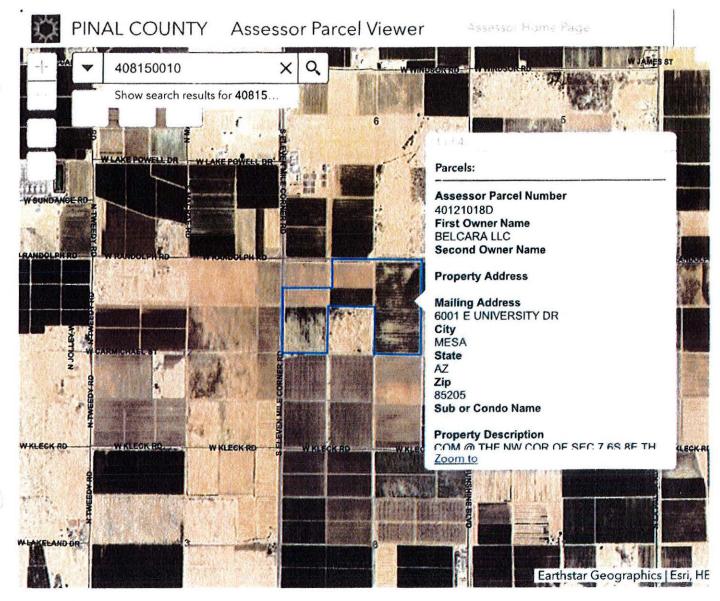
RPT Farms – Denali indicates 840 acres available and landowner is Dale Anderson. Pina Co Assessor maps shows land is owned by Belcara LLC, Eleven Mile Kleck LLLP, and RUC Holdings ULC.

ł

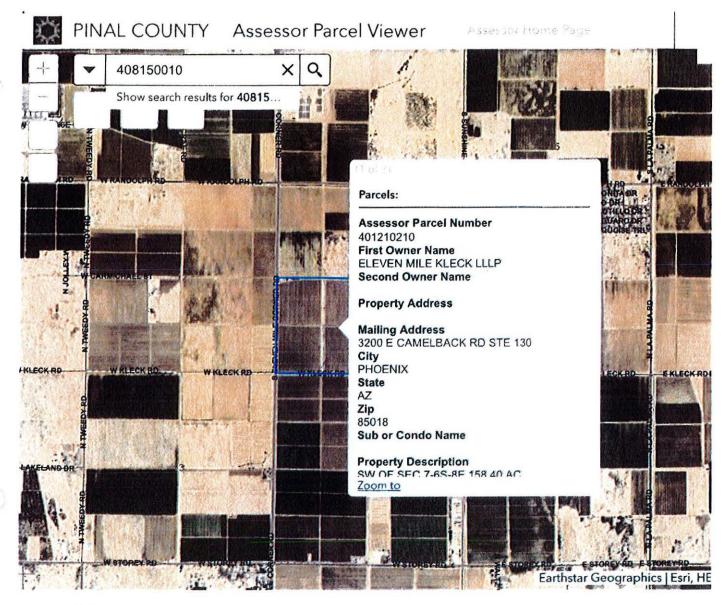
Į



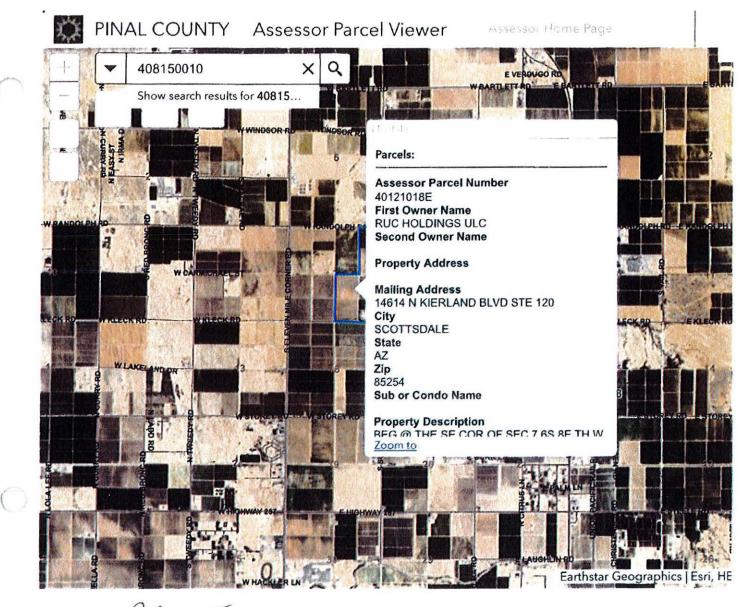
RPT Forms



RPT Farms



RPT Farms



RPT Farms

1mi

Entity Information

Search Date and Time:

1

(

12/13/2019 11:34:58 AM

Entity Details	
BELCARA LLC	Entity Name:
L15436702	Entity ID:
	Entity Type:
Domestic LLC	
Active	Entity Status:
8/4/2009	Formation Date:
In Good Standing	Reason for Status:
	Approval Date:
8/7/2009	Status Date:
	Original Incorporation Date:
8/4/2009	
Perpetual	Life Period:
	Business Type:
	Last Annual Report Filed:
	Domicile State:
Arizona	
	Annual Report Due Date:
	Years Due:
	Original Publish Date:

Statutory Agent Information Nacy Policy (http://azec.gov/privacy-policy) | Contact Us (http://azec.gov/corporations/corporation-contacts)

DEAKMS LLC	Name:
Active	Appointed Status:
	Attention:
6053 E UNIVERSITY DR , MESA, AZ 85205, USA	Address:
0000 E UNIVERSITI DR , MESA, AZ 80200, USA	Agent Last Updated:
9/18/2009	c
	E-mail:
	Attention:
	Mailing Address:
	County:

Principal Information

1

l

ŕ

Title	Name	Attention	Address	Date of Taking Office	Last Updated
Manager	LEON H RICKS		6001 EAST UNIVERSITY DR, MESA, AZ, 85205, USA	8/4/2009	8/7/2009
Member			LEON H & SYLVIA F RICKS FAMTRS 6001 EAST UNIVERSITY DR, MESA, AZ, 85205, USA	1/22/2013	2/4/2013

Page 1 of 1, records 1 to 2 of 2

Entity Known Place of Business

Attention:

Address: 6001 EAST UNIVERSITY DR, MESA, AZ, 85205, USA

County: Maricopa

Last Updated:

Entity Principal Office Address

Attention:

Address:

County:

Lastive Contact Us (http://azcc.gov/privacy-policy) | Contact Us (http://azcc.gov/corporations/corporation-contacts)

Entity Information

Search Date and Time: 12/13/2019 11:42:20 AM

ĺ

ĺ

Entity Details Entity Name: ELEVEN MILE KLECK L.L.L.P Entity ID: S6003614 Entity Type: Domestic Limited Liability Limited Partnership **Entity Status:** Active Formation Date: 1/22/2015 Reason for Status: **Approval Date:** Status Date: **Original Incorporation Date:** 1/22/2015 Life Period: Perpetual **Business Type:** Last Annual Report Filed: **Domicile State:** Annual Report Due Date:

Years Due:

Original Publish Date:

Statutory Agent Information

Name:

Appointed Status: Privacy Policy (http://azcc.gov/privacy-policy) | Contact Us (http://azcc.gov/corporations/corporation-contacts)

Ĺ

Attention:

Address:

Agent Last Updated:

E-mail:

Attention:

Mailing Address:

County:

Princip	al Informatio	'n			
Title	Name	Attention	Address	Date of Taking Office	Last Updated
			No reco	ords to view.	
Entity K	(nown Place	of Business			
Attentic	on:				
Address	5:				
County:					
Last Up	dated:				
Entity P	rincipal Offic	ce Address			
Attentio	en:				
Address	s:				
County:					
Last Up	dated:				
Back	Return to	o Search Reti	urn to Results		

Name/Restructuring History

Document History

Ĺ

l

Privacy Policy (http://azcc.gov/privacy-policy) | Contact Us (http://azcc.gov/corporations/corporation-contacts)

Pending Documents

Microfilm History