



Douglas A. Ducey  
Governor

# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY



Misael Cabrera  
Director

## Aquifer Protection Permit Field Inspection Report

*This checklist is provided as a tool for permit holders and ADEQ staff to have a consistent understanding of the major compliance expectations under this permit. This checklist is designed to be easy to read and follow. It is intended only to address the permit requirements that ADEQ feels are the most important to protect human health and the environment. This list does not include every permit condition and permit holders should ensure they understand the full requirements of their permit. This list does not supplant or supersede any legal requirement and is not binding on the permit holder or ADEQ staff.*

|   |   |
|---|---|
| <b>Facility Name:</b> San Tan Water Reclamation Plant<br><b>Place ID:</b> 18584   | <b>Inspection No:</b> 307991<br><b>Inspection Date:</b> 09/06/2018  |
| <b>Inventory/Permit #:</b> P-105325<br><b>Current LTF#:</b> 96821   | <b>Inspector(s):</b> Isa Valdez, O. Navo, and S. Shah   |
| <b>Facility Address:</b> 2601 West Hunt Highway<br><b>City, State, Zip:</b> Queen Creek, AZ 85142<br><b>County:</b> Pinal   | <b>Inspector Phone:</b> Office: 602-771-2302<br><b>Inspector Email:</b> valdez.isa@azdeq.gov  |
| <b>Permittee/Responsible Party:</b> Johnson Utilities, LLC<br><b>Contact:</b> Gary Drummond<br><b>Mailing Address:</b> 5230 East Shea Boulevard, Ste. 200<br><b>City, State, Zip:</b> Scottsdale, AZ 85254<br><b>Phone:</b> 480-998-3300<br><b>Email:</b> gdrummond@azvision.net  | <b>WWTP Population Served:</b> 3,300 homes * 3.38 p/household = 11,154 people approximately<br><b>Treatment Plant Grade:</b> 3<br><b>Collection System Grade:</b> 3   |
| <b>Operator/ID:</b> Jed Lant, Lead WWTP Operator / OP031799 & Rafael Aguirre, Operator / OP033392<br><b>Phone:</b> 480-798-0413<br><b>Email:</b> jed@johnsonutilities.com<br><b>Op. Cert. Grade/Expiration:</b> 4 WW Treatment / 31-10-18 and 4 WW Collection / 31-10-18  | <b>Compliance Summary:</b><br>Certified Operator <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br>Physical Facilities <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Monitoring and Reporting <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <b>Results of Inspection:</b><br><input type="checkbox"/> No deficiencies were noted during the course of the inspection. No ADEQ action will result from this inspection.<br><input checked="" type="checkbox"/> <b>Potential deficiencies were noted during the course of the inspection. Additional correspondence regarding this Inspection may be forthcoming.</b> |   |
| <b>Inspection Report Issued:</b> Via email at facility  | <b>Facility Initial:</b> JL <b>ADEQ Initial:</b> J.V.   |
| <b>Pre-Inspection File Review Comments:</b>   |   |
| None at the time of the File Review   |   |

**Requirements: C: Compliance, NC: Non-Compliance, P: Pending, N/A: Not Available**

| Documentation:   | Requirement met?   | Comments  |
|--|--|---|
| Six quarter SMRF reporting review.<br>(Non-submittals/exceedances)   | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  |   |
| If NC, do exceedances meet the requirements for significant non-compliance? <i>(list in Comments)</i>  | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  |   |
| The required notifications provided for violation of any permit condition, discharge limit, or exceedance of an alert level OK?<br><i>(list notifications in Comments)</i> | <input type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input checked="" type="checkbox"/> N/A  |   |
| Were SMRFs and monitoring requirements discussed with the facility?  | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> P <input type="checkbox"/> N/A   |   |
| Compliance schedule Items.<br>Any outstanding or overdue?<br>(Section 3.0 in the permit)   | <input type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input checked="" type="checkbox"/> N/A<br><input type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> P <input checked="" type="checkbox"/> N/A  | Reminder to the San Tan WRP representatives. Every six years, Johnson Utilities will update the financial mechanism of San Tan WRP facility.  |
| Copy of the current signed permit on-site.   | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  |   |
| On-site the operations and maintenance manual(s).<br>If library, appears to cover all equipment.   | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A<br><input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A |   |
| Contingency/emergency response plan.<br>On-site?   | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A<br><input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A | At the time of the inspection, it was observed a portable trash pump at the grit well. Jed Lant, explained that this pump was used in July 29, 2018 to stop the Sanitary Sewer Overflow (SSO) that caused an unauthorized discharge on the residential area due to generators on site failed to turn on. <b><i>(See Photo Log – Photo 1 and photo 2)</i></b><br><br>ADEQ recommended to include the portable pump to be included in the Contingency Plan, to include these functions during an emergency response scenario. |
| Unauthorized discharge of suspected hazardous, toxic, or non-hazardous materials? If so list corrective actions taken. (Section 2.6.5)                                     | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  |   |
| <b>Facility Description and Operational Monitoring Requirements</b>  | <b>Requirement met?</b>  | <b>Comments</b>   |
| Log book of the inspections and measurements required updated and current.   | <input type="checkbox"/> C <input checked="" type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  | Logbook was in place, however inspections were not performed in a weekly basis, as required per the permit. <b><i>(See Photo Log – Photo 8)</i></b>   |
| Facility treatment processes match what is in the current permit.  | <input type="checkbox"/> C <input checked="" type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  | San Tan WRP representative explained that the primary mechanism for disinfection is sodium hypochlorite. The UV light equipment was observed installed in place; however 90 % of the light bulbs were nonfunctional. San Tan WRP is permitted to disinfect with UV Light; chlorine disinfection can be used as back up mechanism. <b><i>(See Photo Log – Photo 6).</i></b>  |

|  |  |   |
|--|--|---|
| Facility being maintained according to the Operations and Maintenance Manual.  | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  | At the time of the inspection, ADEQ observed the bar screen area where large solids are collected after they are ejected . The large solids were collected in a small container that were observed falling outside the container. <b>(See Photo Log – Photo 3 and Photo 4)</b><br>After review of the O&M manual for the bar screen, ADEQ observed the original design suggested to be different from the current one. ADEQ recommends to use the original suggested disposal method is used to avoid potential splashing solids around the concrete surface. |
| Freeboard in Recharge Basin: Minimum 1 ft.   | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  |   |
| Freeboard in Storage Basin: Minimum 2 ft.  | <input type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input checked="" type="checkbox"/> N/A  |   |
| Treatment plant components appear to be in working order.  | <input type="checkbox"/> C <input checked="" type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  | UV Lights were not functional at the time of the inspection. According to Jed Lant, Wastewater Facilities Manager, the Ultraviolet Light (UV) equipment has not been used in at least 6.5 years ago. He explained that San Tan WRP has a replacement schedule for the future months, to change the UV light bulbs and start disinfecting via UV Light. <b>(See Photo Log – Photo 6).</b>  |
| Storage pond berm integrity: Any visible structural damage, breach, or erosion of embankments.   | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  |   |
| Recharge Basins: In good condition and adequately scarified.   | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  |   |
| Vadose zone wells appear to be in good working order? No evidence of biofouling, clogging, daylighting.  | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  | Four vadose zone recharge wells were observed inside the recharge basin. These wells are exposed to surfacing water. Six vadose zone recharge wells were observed around San Tan WRP property. <b>(See Photo Log – Photo 7).</b> ADEQ recommends to send a copy of the well completion reports for wells VZ-1 and VZ-12 to reflect correct location in APP P-105325   |
| <b>Compliance Monitoring</b>   | <b>Requirement met?</b>  | <b>Comments</b>   |
| <b>POC #1 –100 ft. N of the WRP</b><br>Loc: 33° 11' 07.27" N 111° 35' 38.14" W<br><ul style="list-style-type: none"> <li>Location verified?</li> <li>Does the well appear to be in working order?</li> </ul> | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A<br><input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A |   |
| Field Methods –Facility using applicable on-site calibrations and quality assurance for BOD, T, pH, and turbidity methods.   | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A  | The following field tests are tested on site: pH, chlorine, Ammonia, Nitrates, Turbidity, MLSS.<br><br>All APP Compliance sampling is grabbed on site and send to Legend.   |
| Facility written QA manual covers all analysis done on-site.   | <input type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input checked="" type="checkbox"/> N/A  |   |
| ADHS approved methods used for all analyses.   | <input type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input checked="" type="checkbox"/> N/A  |   |

|  |   |  |
|--|---|--|
| The facility has a method detection limit study for lab methods.   | <input type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input checked="" type="checkbox"/> N/A |  |
| Lab instruments properly calibrated.                               | <input type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input checked="" type="checkbox"/> N/A |  |
| On-site calibration and baseline reagents within expiration dates. | <input type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input checked="" type="checkbox"/> N/A |  |
| On-site flow meters properly calibrated.                           | <input checked="" type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A | Magmeter used on site have not been checked in recent years. It will be included as part of the annual maintenance for further checks in |
| Facility Lab bench log sheet.                                      | <input type="checkbox"/> C <input type="checkbox"/> NC <input type="checkbox"/> P <input type="checkbox"/> N/A            |  |

## RECOMMENDATIONS AND POTENTIAL DEFICIENCIES:

### Inspection Comments:

The following Johnson Utilities personnel attended: Paul Cornejo, EPCOR; Jed Lant, WWTP Manager; and Rafael Aguirre, WWTP Operator. ADEQ staff included: Isa Valdez, Inspector; Oliver Navo, Inspector; and Shivani Shah, Environmental Engineer.

At the time of the inspection, the grit and influent lift station were observed under the maintenance repair. Jed Lant, described that the well walls have been damaged by corrosion. Once the well goes into maintenance, the influent will be diverted into a temporary equalization basin. This process will take approximately 30 days. Over the walkthrough, all the components were observed working in good conditions but the Ultraviolet (UV) lights, which have been out of operation. Chlorination is being feed before the filtration area.

### Compliance Assistance Comments:

1. At the bar screen area, ADEQ recommends to change the large solids collection system. At the time of the inspection a small container was observed.
2. ADEQ recommends that San Tan WRP add the trash pump functions to the Contingency Plan and submit a copy of updated plan to ADEQ.

### Noted Potential Deficiencies:

1. UV light system not operational at the time of inspection, primary disinfection is conducted with chlorine.
2. Logbook was not in compliance, records were not inspected in a weekly basis as required in the APP.



# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

## NOTICE OF INSPECTION RIGHTS

| FACILITY INFORMATION  | ADEQ INFORMATION                                    |
|---|---|
| <b>Facility Name (Customer):</b> San Tan Water Reclamation Plant (WRP)          | <b>Date/Time of Inspection:</b> 09/06/2018          |
| <b>Facility Location (Place):</b> 2601 West Hunt Highway, Queen Creek, AZ 85142 | <b>County:</b> Pinal                                |
|   | <b>Inspector:</b> Isa Valdez                        |
| <b>Mailing Address:</b> 5230 East She Blvd, Ste. 200, Scottsdale, AZ 85254      | <b>Telephone:</b> 602-771-2302                      |
| <b>Responsible Party:</b> Johnson Utilities, LLC                                | <b>Accompanied by:</b> Oliver Navo and Shivani Shah |
| <b>On-Site Representative:</b> Jed Lant   | <b>ADEQ Follow-up Contact:</b> Ethan Leiter         |
| <b>Telephone:</b> 480-987-9870  |   |
| <b>Title:</b> Wastewater Manager  | <b>Title:</b> ICU Manager                           |
| <b>E-mail:</b> jed@johnsonutilities.com   | <b>Telephone:</b> 602-771-4479                      |

The ADEQ representative(s) identified above were present at the above address on the above listed date and time. Upon entry to the premises, the ADEQ representative(s) met with me, presented photo identification indicating that they are ADEQ employees and explained:

☒ **That the purpose of the inspection is to determine:**

☒ Compliance with Title 49 of the Arizona Revised Statutes, Title 18 of the Arizona Administrative Code\* and/or:  
Arizona Revised Statutes: Title 49, Chapter 2 et seq, Article \_\_\_\_\_.  
Arizona Administrative Code: Title 18, Chapter 9 et seq, Article \_\_\_\_\_.  
Permit/Agreement Number: APP Permit #: 105325 LTF # 69821 and R-105778 LTF #64320.

☒ Qualification for a license issued pursuant to:  
Arizona Revised Statutes: Title 49, Chapter 2, Article 10.  
Arizona Administrative Code: Title 18, Chapter 5, Article 1 et. seq..

☒ That this inspection is conducted pursuant to the authority granted in Arizona Revised Statutes § 49-104(B)(8) and/or:  
Arizona Revised Statutes: § 41-1009, 49-203(B)(1).  
Arizona Administrative Code: R18-9-110.  
Permit/Agreement Number: APP Permit #: 105325 LTF # 69821 and R-105778 LTF #64320.

☒ That the state shall not be barred by the statutes of limitations of actions, according to A.R.S. § 12-510, except as provided in A.R.S. § 12-529 concerning certain claims based on navigability of watercourses. According to 28 U.S.C. § 2462, the U.S. government must commence an action within 5 years after the date the claim first accrued.

☒ Possible applicability of Small Business Bill of Rights pursuant to Arizona Revised Statutes § 41-1001(21)

☒ **That the fee for this inspection is:** ZERO.

\*The Arizona Revised Statutes (A.R.S.) can be found on the internet: [www.azleg.state.az.us/ArizonaRevisedStatutes.asp](http://www.azleg.state.az.us/ArizonaRevisedStatutes.asp) while the Arizona Administrative Code (A.A.C.) can be found at [www.azsosaz.gov/public\\_services/Table\\_of\\_Contents.htm](http://www.azsosaz.gov/public_services/Table_of_Contents.htm)

While I have the right to refuse to sign this form, the ADEQ representatives may still proceed with the inspection

☒ I have read this notice and discussed my questions or concerns with the ADEQ representatives and I have received the Small Business Bill of Rights.

Jed Lant Signature of Regulated Person or Authorized On-Site Representative Date 9/6/18

☐ The regulated person or authorized on-site representative refused to sign.

\_\_\_\_\_  
Name of Regulated Person or Authorized On-Site Representative Title

☐ The regulated person or an authorized on-site representative was not present at the facility.

\_\_\_\_\_  
Signature of ADEQ Representative Date

## INSPECTION RIGHTS

- ☒ I understand that I can accompany the ADEQ representative(s) on the premises, except during confidential interviews.
- ☒ I understand that I have right , on request, to:
  - Copies of any original documents taken during the inspection, and that ADEQ will provide copies of those documents at ADEQ's expense;
  - A split of any samples taken during the inspection, if the split of the samples would not prohibit an analysis from being conducted or render an analysis inconclusive;
  - Copies of any analysis performed on samples taken during the inspection and that ADEQ will provide copies of this analysis at ADEQ's expense;
  - Copies of any documents to be relied on to determine compliance with licensure or regulatory requirements if the agency is otherwise permitted by law to do so.
- ☒ I also understand that:
  - Each person who is interviewed by an ADEQ inspector during the inspection must be informed that:
    - (1) participation in an interview is voluntary, unless legally compelled to participate;
    - (2) they have the right to have an attorney or other experts in their field present during the interview to represent or advise the regulated person;
    - (3) the ADEQ inspector may not take any adverse action or treat less favorably or draw any inference as a result of the regulated person's decision to be represented by an attorney or advised by any other experts in their field;
    - (4) statements made by the person may be included in the inspection report; and
    - (5) they have the right to 24 hours to review and revise any written witness statement drafted by the ADEQ inspector on which the ADEQ inspector requests that person's signature.
  - If the information and documents provided to the ADEQ inspector become a public record, trade secrets and proprietary and confidential information may be redacted, unless the information and documents are not confidential pursuant to statute.
  - Each person interviewed during the inspection must be informed that statements made by the person may be included in the inspection report;
  - Each person whose conversation is tape recorded during the inspection must be informed that the conversation is being tape recorded;
  - If an administrative order is issued or a permit decision is made based on the results of the inspection, I have the right to appeal that administrative order or permit decision. I understand that my administrative hearing rights are set forth in Arizona Revised Statutes § 41-1092 *et seq.* and my rights relating to an appeal of a final agency decision are found in Arizona Revised Statutes § 12-901 *et seq.*;
  - If I have any questions or concerns about this inspection, I may contact the person listed as the ADEQ Follow-up Contact on the front of this form; ADEQ's Ombudsman at (602) 771-4322 (toll free inside Arizona at (800) 234-5677, extension, 771-4322); or the Arizona Ombudsman-Citizens' Aid office at (602) 277-7292 (toll free at (800) 872-2879);
  - If I have any questions concerning my rights to appeal an administrative order or permit decision, I may contact ADEQ's Office of Administrative Counsel at (602) 771-2212 (toll free inside Arizona at (800) 234-5677, extension 771-2212).

## Small Business Bill of Rights

### 41-1001.01. Regulatory bill of rights; small businesses

A. To ensure fair and open regulation by state agencies, a person:

1. Is eligible for reimbursement of fees and other expenses if the person prevails by adjudication on the merits against an agency in a court proceeding regarding an agency decision as provided in section 12-348.
  2. Is eligible for reimbursement of the person's costs and fees if the person prevails against any agency in an administrative hearing as provided in section 41-1007.
  3. Is entitled to have an agency not charge the person a fee unless the fee for the specific activity is expressly authorized as provided in section 41-1008.
  4. Is entitled to receive the information and notice regarding inspections and audits prescribed in section 41-1009.
  5. May review the full text or summary of all rulemaking activity, the summary of substantive policy statements and the full text of executive orders in the register as provided in article 2 of this chapter.
  6. May participate in the rulemaking process as provided in articles 3, 4, 4.1 and 5 of this chapter, including:
    - (a) Providing written comments or testimony on proposed rules to an agency as provided in section 41-1023 and having the agency adequately address those comments as provided in section 41-1052, subsection D, including comments or testimony concerning the information contained in the economic, small business and consumer impact statement.
    - (b) Filing an early review petition with the governor's regulatory review council as provided in article 5 of this chapter.
    - (c) Providing written comments or testimony on rules to the governor's regulatory review council during the mandatory sixty-day comment period as provided in article 5 of this chapter.
  7. Is entitled to have an agency not base a licensing decision in whole or in part on licensing conditions or requirements that are not specifically authorized by statute, rule or state tribal gaming compact as provided in section 41-1030, subsection B.
  8. Is entitled to have an agency not make a rule under a specific grant of rulemaking authority that exceeds the subject matter areas listed in the specific statute or not make a rule under a general grant of rulemaking authority to supplement a more specific grant of rulemaking authority as provided in section 41-1030, subsection C.
  9. May allege that an existing agency practice or substantive policy statement constitutes a rule and have that agency practice or substantive policy statement declared void because the practice or substantive policy statement constitutes a rule as provided in section 41-1033.
  10. May file a complaint with the administrative rules oversight committee concerning:
    - (a) A rule's, practice's or substantive policy statement's lack of conformity with statute or legislative intent as provided in section 41-1047.
    - (b) An existing statute, rule, practice alleged to constitute a rule or substantive policy statement that is alleged to be duplicative or onerous as provided in section 41-1048.
  11. May have the person's administrative hearing on contested cases and appealable agency actions heard by an independent administrative law judge as provided in articles 6 and 10 of this chapter.
  12. May have administrative hearings governed by uniform administrative appeal procedures as provided in articles 6 and 10 of this chapter and may appeal a final administrative decision by filing a notice of appeal pursuant to title 12, chapter 7, article 6.
  13. May have an agency approve or deny the person's license application within a predetermined period of time as provided in article 7.1 of this chapter.
  14. Is entitled to receive written notice from an agency on denial of a license application:
    - (a) That justifies the denial with references to the statutes or rules on which the denial is based as provided in section 41-1076.
    - (b) That explains the applicant's right to appeal the denial as provided in section 41-1076.
  15. Is entitled to receive information regarding the license application process before or at the time the person obtains an application for a license as provided in sections 41-1001.02 and 41-1079.
  16. May receive public notice and participate in the adoption or amendment of agreements to delegate agency functions, powers or duties to political subdivisions as provided in section 41-1026.01 and article 8 of this chapter.
  17. May inspect all rules and substantive policy statements of an agency, including a directory of documents, in the office of the agency director as provided in section 41-1091.
  18. May file a complaint with the office of the ombudsman-citizens aide to investigate administrative acts of agencies as provided in chapter 8, article 5 of this title.
  19. Unless specifically authorized by statute, may expect state agencies to avoid duplication of other laws that do not enhance regulatory clarity and to avoid dual permitting to the extent practicable as prescribed in section 41-1002.
  20. May have the person's administrative hearing on contested cases pursuant to title 23, chapter 2 or 4 heard by an independent administrative law judge as prescribed by title 23, chapter 2 or 4.
- B. The enumeration of the rights listed in subsection A of this section does not grant any additional rights that are not prescribed in the sections referenced in subsection A of this section.
- C. Each state agency that conducts audits, inspections or other regulatory enforcement actions pursuant to section 41-1009 shall create and clearly post on the agency's website a small business bill of rights. The agency shall create the small business bill of rights by selecting the applicable rights prescribed in this section and section 41-1009 and any other agency-specific statutes and rules. At the request of an authorized on-site representative of the regulated small business, the agency shall provide a written document of the small business bill of rights. In addition to the rights listed in this section and section 41-1009, the agency notice of the small business bill of rights shall include the process by which a small business may file a complaint with the agency employees who are designated to assist members of the public or regulated community pursuant to section 41-1006. The notice must provide the contact information of the agency's designated employees. The agency notice must also state that if the regulated person has already made a reasonable effort with the agency to resolve the problem and still has not been successful, the regulated person may contact the office of ombudsman-citizens aid

## APP Inspection Photographic LOG

Site

Name: \_\_\_\_\_

San Tan WRP

Date: \_\_\_\_\_

9/6/2018

Photographer: \_\_\_\_\_

Isa Valdez

**Photo No. 1**

View of the grit well area, the trash pump can be observed on the background.



**Photo No. 2**

View of the lift station interior. The walls were observed with signs of corrosion.



**Photo No. 3**

View of the bar screen area, the large solids container was observed with solids on the exterior of the red container.



**Photo No.4**

View of the large solids container, expelled from the bar screen. The solids were observed outside the container.



**Photo No. 5**

Red arrow indicates the black pipe that is chlorinating effluent. Chlorine was observed dripping into the treatment train.



**Photo No. 6**

View of the UV light boxes. At the time of the inspection they were not operational



**Photo No. 7**

View of a vadose zone well located inside the recharge basin.



**Photo No.8**

View of the facility inspections records. Visual inspection were conducted frequently; however not weekly as required per APP.

| San Tan WRP |          | Vadose Recharge Basin Inspection Log |           |       |
|-------------|----------|--------------------------------------|-----------|-------|
| Date        | Operator | Basin #1                             | Condition | Notes |
| 4-28-14     | JL       | ✓                                    | NORMAL    |       |
| 4-4-14      | JL       | ✓                                    | NORMAL    |       |
| 4-11-14     | JL       | ✓                                    | NORMAL    |       |
| 4-18-14     | JL       | ✓                                    | NORMAL    |       |
| 4-25-14     | JL       | ✓                                    | NORMAL    |       |
| 5/2/14      | JL       | ✓                                    | NORMAL    |       |
| 5/9/14      | JL       | ✓                                    | NORMAL    |       |
| 5/16/14     | JL       | ✓                                    | NORMAL    |       |
| 5/23/14     | JL       | ✓                                    | NORMAL    |       |
| 5/30/14     | JL       | ✓                                    | NORMAL    |       |
| 6/6/14      | JL       | ✓                                    | NORMAL    |       |
| 6/13/14     | JL       | ✓                                    | NORMAL    |       |
| 8-25-15     | R.A      | ✓                                    | NORMAL    |       |
| 9-4-15      | R.A      | ✓                                    | NORMAL    |       |
| 10-27-15    | R.A      | ✓                                    | NORMAL    |       |
| 11-27-15    | R.A      | ✓                                    | NORMAL    |       |
| 12-25-15    | R.A      | ✓                                    | NORMAL    |       |
| 1-25-16     | R.A      | ✓                                    | NORMAL    |       |
| 3-3-16      | R.A      | ✓                                    | NORMAL    |       |
| 6-15-16     | R.A      | ✓                                    | NORMAL    |       |
| 8-22-16     | R.A      | ✓                                    | NORMAL    |       |
| 9-6-16      | R.A      | ✓                                    | NORMAL    |       |
| 10-12-16    | R.A      | ✓                                    | NORMAL    |       |
| 4-27-17     | R.A      | ✓                                    | NORMAL    |       |
| 10-26-17    | R.A      | ✓                                    | NORMAL    |       |
| 1-26-18     | R.A      | ✓                                    | NORMAL    |       |
| 4-10-18     | R.A      | ✓                                    | NORMAL    |       |
| 7-23-18     | R.A      | ✓                                    | NORMAL    |       |
| 7-31-18     | R.A      | ✓                                    | NORMAL    |       |
| 8-21-18     | R.A      | ✓                                    | NORMAL    |       |
| 9-3-18      | R.A      | ✓                                    | NORMAL    |       |

## Aquifer Protection Permit Reuse Compliance Checklist

*This checklist is provided as a tool for permit holders and ADEQ staff to have a consistent understanding of the major compliance expectations under this permit. This checklist is designed to be easy to read and follow. It is intended only to address the permit requirements that ADEQ feels are the most important to protect human health and the environment. This list does not include every permit condition and permit holders should ensure they understand the full requirements of their permit. This list does not supplant or supersede any legal requirement and is not binding on the permit holder or ADEQ staff.*

|   |  |
|---|--|
| <b>Facility Name:</b> San Tan WRP Class A+<br><b>Place ID:</b> 18584  | <b>Inspection No:</b> 308225<br><b>Inspection Date:</b> 09/06/2018   |
| <b>Inventory/Permit #:</b> R-105778<br><b>Current LTF#:</b> 64320   | <b>Inspector(s):</b> Isa Valdez and O. Navo  |
| <b>Facility Address:</b> 2601 W. Hunt Highway<br><b>City, State, Zip:</b> Queen Creek, AZ<br><b>County:</b> Pinal   | <b>Inspector Phone:</b> 602-771-2302<br><b>Inspector Email:</b> valdez.isa@azdeq.gov   |
| <b>Permittee/Responsible Party:</b> Johnson Utilities, LLC<br><b>Contact:</b> Gary Drummond<br><b>Mailing Address:</b> 5230 E. Shea Blvd. Ste. 200<br><b>City, State, Zip:</b> Scottsdale, AZ 85254<br><b>Phone:</b> 480-998-3300<br><b>Email:</b> gdrummond@azvision.net   | <b>Compliance Summary:</b><br>Certified Operator Not Required<br>Physical Facilities <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>Monitoring and Reporting <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <b>Results of Inspection:</b><br><input type="checkbox"/> No deficiencies were noted during the course of the inspection. No ADEQ action will result from this inspection.<br><input checked="" type="checkbox"/> <b>Potential deficiencies were noted during the course of the inspection. Additional correspondence regarding this Inspection may be forthcoming.</b>   |  |
| <b>Inspection Report Issued:</b> Via email at facility  | <b>Facility Initial:</b> <i>UL</i> <b>ADEQ Initial:</b> <i>J.N.</i>  |
| <b>Potential Deficiencies:</b><br><br><ol style="list-style-type: none"> <li>Johnson Utilities holds a Type 3 Recycled Water General Permit for a Reclaimed Water Agent according to R18-9-B710. At the time of the inspection it was observed that one end user did not met the requirements of proper Signage and notification requirements specified under R18-9-B702 (I). Johnson Utilities shall verify the rule conditions are met for the class of reclaimed water delivered by the Johnson Utilities Water Reclamation Facilities.</li> </ol> |  |
| <b>PHOTOGRAPHS TAKEN DURING INSPECTIONS ARE AVAILABLE ON REQUEST</b>  |  |

|  |  |  |
|--|--|--|
| <b>Reuse Permit</b> [R18-9-703(A)&(B); R18-9-704(C) thru (E)]:   |  | <b>Comments</b>  |
| Does the facility owner have a current reuse permit?   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A | The Type 3 – Reclaimed permit expires on July 5, 2021. |
| <b>Irrigation using reclaimed water</b> [R18-9-704(F)]   |  |  |
| Is irrigation being done with reclaimed water?   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Does the irrigation method preclude human contact with the reclaimed water?  | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Has reclaimed water been prevented from standing in an open access area during normal periods of facility use?   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Has reclaimed water been prevented from coming into contact with drinking fountains, water coolers, or eating areas?   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Have the hose bibs that discharged reclaimed water been secured to prevent public use?   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| <b>Prohibited Activities</b> [R18-9-704(G)]  |  |  |
| Is reclaimed water being used for evaporative cooling, misting, human consumption, swimming, wind surfing, water skiing or other full-immersion water activity with a potential of ingestion?      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |  |
| <b>Misapplying Reclaimed Water</b> [R18-9-704(G)]  |  |  |
| Is reclaimed water being misapplied by applying a lesser class of reclaimed water than what is required for a given application?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Is reclaimed water being misapplied by applying it to any area other than a direct reuse site?   | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |  |
| Is reclaimed water being misapplied by allowing it or a mixture of reclaimed water and stormwater to run off the direct reuse site (agricultural return flows are exempted in certain situations)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A |  |

|  |  |                       |
|--|--|-----------------------|
| <b>Installation of Signage</b><br>[R18-9-704(H)]   |  |                       |
| Has the permittee placed and maintain signage at the locations specified in Table 1 so that the public is informed that reclaimed water is in use and that no one should drink it? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A | Read Comment #1 below |
| <b>Reclaimed Water Quality Standards</b><br>[R18-11-303 thru 308]  |  |                       |
| Has the permittee met the water quality standards for the class of reclaimed water that is being reused?   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A |                       |

#### RECOMMENDATIONS AND POTENTIAL DEFICIENCIES:

##### Comment #1:

At the time of the inspection, ADEQ visited the effluent holding located at the San Tan Heights area. A signage was observed that read "no fishing and swimming" (See Photo attached). This language differs from the Rule Requirement, per General Requirements for Reclaimed Water R18-9-B702 (I):

**Signage and Notification:** A permittee shall place and maintain signage at locations and provide applicable notification as specified in Table 1 so the public is informed reclaimed water is in use and no one should drink from the system.

**"CAUTION: RECLAIMED WATER, DO NOT DRINK," and display the international "do not drink" symbol**

**Note:** All impoundments with open access including lakes, ponds, ornamental fountains, waterfalls, and other water features shall be posted with signs regardless of the class of reclaimed water.



Photo No.1 View of signage observed at San Tan Heights pond.

