Hauler training

Grease arrestor maintenance

May 2019
Training Outline

- **WasteID** basics & requirements
- Administrative Functions
  - Users
  - Vehicles
  - Reviewing records (Consignments / Offloads)
- Field Tasks
  - Joining vehicles
  - Collecting Waste
  - Discharging Waste
- Support
WasteID – Improving Trade Waste

- Trade Waste compliance protects the Sewer Network
- WasteID enhances oversight of Trade Waste Permit compliance
- Minimise non-compliant customers
- Enables more efficient truck runs by haulers
- Reduce illegal dumping
- Minimise backyard business

- Grease Arrestors tagged with QR2id Codes
- Waste Receival Facilities equipped with QR2id Plates
- Registered Haulers supported to use WasteID
QR2id Products

- Vehicle Stickers
  - Resilient UV Stable
  - Clean before application
    - Isopropyl Alcohol
    - Don’t use Metho
- Device Tags
  - DuraBlack
  - Stainless Steel
- Facility Plates
SA Water's Registered Haulers

SA Water requires:
✓ Users & Vehicles in WasteID
✓ Vehicles to have QR2id Stickers
✓ Drivers to have a compatible Smart Phone or tablet with QR2id App installed
✓ Haulers trained to use WasteID
✓ WasteID used to record:
  • all SA Water related Grease Arrestor servicing
  • lawful discharge of waste
WastelD Basic Workflow Overview

Administration & Oversight

Login / Join Truck (Scan Vehicle Sticker)

Service Trap (Scan Tag / Enter Details)

Discharge Waste (Scan Plate / Enter Details)
What is WasteID?

• ‘Responsive’ Web-Application
  • Workstation
  • Tablet (with GPS)
  • Phone
• Modern web-browser (Google Chrome, Firefox, Safari, IE 10+) or
• Use Free QR2id App in the field (Apple iOS, Android)
• ‘Administrative’ and ‘Standard’ users
• No cost to Haulers to use WasteID for SA Water related tasks
Desktop or mobile

https://wasteid.amtac.net
QR2id App

• See QR2id.com/App
• Tablet / Smart Phone
• GPS
• 5MP camera
• Mobile data plan
• Current OS
  • Apple (iOS 9+)
  • Android (5+*)

• Integration with WasteID
• Off-line function
Requirements

QR2id App needs access to:
• Location (GPS service/Discharge)
• Photos (Device Issues)
• Camera (Scanning)
• Mobile Data (Synchronising)

Location only recorded:
• Scanning codes
• Recording services
• Discharging waste
Administrative tasks

Hauler company accounts initially created by SA Water / Amtac

Initial User/Operator accounts created
- Must be a ‘natural person’
  - No sharing of credentials
  - Regulatory compliance obligations
- Unique email address required
  - Can be an alias
  - Used for password reset

Do NOT share logins
Logging In

From a web-browser => https://WasteID.amtac.net
(or Google “WasteID”)

- Select Login
- Use your email address
- Remember Me – stores Email address
Forgot password

• Reset password via email

• Admin Users from your company can also reset passwords
Forgot password

Reset password via email

Password is not changed unless link in email is followed
WastelID Home page

- After logging in
- Menu options – left side of page
  - Action buttons (field tasks)
  - Context Sensitive Display
    - (Role / Previous actions)
- Not joined to a vehicle
  - View Device
  - Join Vehicle

Note: More than one person can join a vehicle
Update / Change Password

Menu options – left side of page (larger screen devices)

Select My Details
Update / Change Password

• Menu Icon – left side of page

• Expands to show menu options

• Select “My Details”
Your operator record

Password must be at least 8 characters (Upper/lower & number)

Note:
• Email address must be unique
• Driver Licence / Vehicle Rego not required
Review / Update Users

• Users menu

• Search

• Clear Search Filters
View User Details

- Users menu
- Select an existing user
  - reset password
  - update details
  - review Consignments
View User Details

Existing WasteID User record
- Check Roles
- Check Status
- Contact details
- Send Email Verification
- Review Consignments
- Click on Icon or Operator Reference number to edit/update
Update User

- Change Name (e.g. marriage)
- New Driver same email – delete old User and add new User
  NB: Consignments not lost
- At least one phone number
- Password
- Licences / vehicle (not required for SA Water)
- Roles
New User

- User menu
- Tap/Click New User Button
New User

- Email must be unique (No shared logins)
- At least one phone number
- Password
  - set temporary and communicate, or
  - Leave blank and use Verification to email a link
- Licences / vehicle (not required for SA Water)
- Roles
  - Admin can manage Users
  - Operator to undertake field tasks
Vehicles

- Vehicles used in the transport of Grease Arrestor Waste must be in WasteID
- Must have a QR2id Sticker
- Stickers issued / administered by SA Water
- Drivers/Users scan the QR2id Code to ‘Join’ the vehicle
  - Confirm App use before run
  - Saves data entry
  - Simplifies transferring waste
Vehicles

- Registration must be unique
- VIN must be unique
- Truck carries solid waste / tows Trailer
- Tanker carries liquid waste
- Trailer carries liquid waste
- Volume against capacity shown in list
Vehicle Details

• View details
• QR2id Stickers
• Capacity vs. Total on-board
• Consignments
  • Current
  • Full history
  • Navigate to Consignment
• All Consignments
• Edit
Edit Vehicle

- Update details as needed
- Public information is visible if the vehicle QR2id Code is scanned by a non-logged-in user
- If vehicle is sold – Delete Vehicle
New vehicle

- Add vehicle (Vehicle records must be unique)
  - Make / Model
  - Category
  - Capacity
  - Registration / VIN
- Request QR2id Sticker from SA Water Trade Waste
- Vehicles can have more than one QR2id Sticker
- Highly resilient sticker material – UV Stable
- Replacement stickers can be ordered
Hauler administration functions

Review Consignments (real time)
- Waste source / Volume
- Driver / Vehicle
- Collection / Discharge time

Review Offloads

Assisting Drivers
- Edit consignment / Correct typos
- Joining the vehicle

Planning
- Service List
Consignment List

- Real-time updates
- Filters
- Download
Consignment List Filters

- Status (limited for SA Water)
  - Collected
  - Delivered
Consignment List Filters

- Waste Type (Limited for SA Water)
  - Grease Trap Waste
Consignment List Filters

- Category (Limited for SA Water)
- Device
  i.e. waste from a pre-treatment device
Consignment List Filters

- Pick Up date / Range
- NOTE: Filters are cumulative
  - Pick Up Date 3 May 2019
  - Delivery Date 4 May 2019
  - Only shows Consignments picked up on 3 May and delivered on 4 May
Consignment List Filters

• Driver
• NOTE: Can also review under User record
Consignment List Filters

- Date Range
- Choose Date Type
  - Collected
  - Delivered
  - Any
Working with a consignment

Change Vehicle

- Accidentally allocated to wrong truck

Enter the correct registration number
Working with a consignment

Edit Waste

• Must be before delivery/discharge

Correct Volume
Working with a consignment

Email link to Consignment

• Consignments may be viewed without logging in
  QR2id Code makes it difficult to guess
• Enter valid email address

Your.Customer@business.com

Send Email

Cancel OK
Working with a consignment

Generate PDF to Print

- Incorporates QR2id Code for scanning printed copy
Working with a consignment

Transporter/Hauler Notes can be added
• at the time of collection
• any time
Include a photo if applicable
Working with a consignment

‘Suspect’ Consignment
- Suspect Collection
- Suspect Offload
- May be valid reasons
- Warnings may be cleared by SA Water

Navigating to related information
- Device
- Offload
Working with a consignment

View Device from Consignment
Working with a consignment

View Offload from Consignment
Navigate from Offload to other Consignments

Consignment WBMT-BBJM-APMV

Transport details
- **CONSIGNOR:** SA Test Hauler Company A
- **VERIFICATION:** Suspect Offload
- **CATEGORY:** Device
- **DEVICE:** DN721110
- **Collector:** Grease Collector
- **TRANSPORTER:** SA Test Hauler Company A
- **DRIVER:** Alex Cancan
- **VEHICLE:** 111AAA
- **TOTAL COLLECTED:** Today
- **DELIVERED:** Today

Waste
- **Description:** Grease Trap Waste
- **Collected:** 1000.0 L
- **Delivered:** 1000.0 L

Offload
- **REF:** OFF3995
- **TOTAL:** 3400 L
- **INFORMED TOTAL:** 3400 L
## Offloads

### Offloads Table

<table>
<thead>
<tr>
<th>REF</th>
<th>LOCATION</th>
<th>STATUS</th>
<th>TRANSPORTER</th>
<th>VEHICLE</th>
<th>DRIVER</th>
<th>TOTALS</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF4174</td>
<td>TEST Waste Facility</td>
<td>Completed</td>
<td>SA Test Hauler Company A</td>
<td>111AAA</td>
<td>Alex Carricane</td>
<td>2400</td>
<td>Yesterday 5:09PM</td>
</tr>
<tr>
<td>OFF4086</td>
<td>TEST Waste Facility</td>
<td>Completed</td>
<td>SA Test Hauler Company A</td>
<td>111AAA</td>
<td>Alex Carricane</td>
<td>1500</td>
<td>Yesterday 4:50PM</td>
</tr>
<tr>
<td>OFF3995</td>
<td>TEST Waste Facility</td>
<td>Completed</td>
<td>SA Test Hauler Company A</td>
<td>111AAA</td>
<td>Alex Carricane</td>
<td>3400</td>
<td>Yesterday 3:17PM</td>
</tr>
<tr>
<td>OFF3908</td>
<td>TEST Waste Facility</td>
<td>Completed</td>
<td>SA Test Hauler Company A</td>
<td>111AAA</td>
<td>Alex Carricane</td>
<td>2400</td>
<td>Yesterday 2:25PM</td>
</tr>
</tbody>
</table>
Offloads

- Nominate a Facility
- Month / Year
- Between Dates/Times
- Select Time Band and Date
  - Offloaded after 18:00
  - And before 06:00
Your Company Record

- Update Details as applicable
- Address
- Postal Address
- Email address for WasteID notifications
- Phone number
- EPA Licence number
QR2id App

- Install and keep current
- Test before leaving the depot
  - Start the App
  - Tap Open => WasteID
  - Login
  - Join Vehicle
  - Stay on the WasteID Home Page

or scan a related QR2id Code or barcode
QR2id App

- Important Settings
- Location
- Photos
- Camera
- Mobile Data

Location Services

Allow Location Access

Never
- While Using the App
  - Always

Access to your location will be available even when this app is in the background.

App explanation: “QR2id Would Like to Use Your Current Location Even in Background.”
QR2id App

• Location check
  • GPS Coordinates
    Latitude & Longitude
  • Map in background
  • Address
QR2id App

- Location
  - Always
- Nearby Devices
- Only logged
  - Scanning
  - Submit Forms
Terminology

• QR2id App Start Screen
• WasteID Home Page
  • Un-Joined
  • Joined
• Buttons visible are based on Roles & workflow
• Close Button takes you to the QR2id App Start Screen
Getting Started in the Field

- Login
- Tap Join Vehicle
- Focus Camera on Vehicle QR2id Sticker
- Must have data connection to join a vehicle
- Can’t collect waste until joined to vehicle
- More than one person can be joined to a vehicle
  - Two person crews
  - Training
Leave the Vehicle – end of shift

• Tap “Leave Truck” Button
• Avoid mix-ups by joining the vehicle fresh each day
• Waste onboard stays onboard
• Another driver can join the vehicle and continue the run / discharge the waste
• Attached Trailers / Dog stay in place
Attach a Trailer / Dog

- Tap “Scan” Button
- Scan Trailer Sticker
- Tap “Attach Trailer”
- Trailer shows as attached
- Tap on Rego to collect directly into Trailer
Detach a Trailer / Dog

- Tap “Detach” Button
Collect Waste

• Tap “Collect Waste”
• Tap “Scan Device”
• Scan QR2id Code
  • Zoom / Light
  • Volume buttons
  • zoom on Android
• Record details
• Tap Next
Collect Waste

- Tap “Collect Waste”
- Tap “Scan Device”
- Scan QR2id Code
  - Zoom / Light
- Check details
- Update as applicable
- Destination Facility (Optional)
- Tap Next
- Review and Confirm
Collect Waste

- Tap Confirm Collection
- Add Consignment Note (Optional)
  - Take Photo, or
  - Library
- Ensure 100% before Save

Review, Back / Confirm
Collect Waste (Nearby)

- Collect Waste
- Nearby
  - GPS located
  - Search
- Tap on applicable Grease Arrestor
Important Considerations

No mobile data coverage => Offline Mode

- Automatic switching
- Slight menu change
- Servicing / Collecting Waste functionality same as when online
- Automatic synchronisation when online

No Satellite connection

- Most recent GPS location
Collect Waste (Offline)

- Stay on WasteID Home Page
- Same Collect Waste process as Online
- WasteID detects offline / Online – auto switching
- No Offline from App Start Screen
Report Issue / Service Problem

- Issue is Device Related
  - Broken baffles
  - Missing tag
- Service Problem is Operational
  - Car on trap lid
  - Refused to have trap serviced
- Upload photo if applicable
- Alerts raised for SA Water
Transfer between vehicles

Home Screen -> Offload Waste

Scan
Offload Waste

- Tap “Offload Waste”
- Select Scan Plate
  - Can scan sticker to offload to another Vehicle
- Use Nearby if Plate is damaged
- Warning if GPS doesn’t match
Offload Waste

• Tap “Offload Waste”
• Select Scan Plate
  • Can scan sticker to offload to another Vehicle
• Use Nearby if Plate is damaged
• Warning if GPS doesn’t match
Offload Waste

- Tap “Deliver Waste”
- Confirm Registration
  - Scan sticker on Vehicle / contact office if wrong
- Confirm / Update total volume
Offload Waste

- Confirm total volume
- Offload recording and confirmed
- Return to WasteID Home Page
- No waste onboard
WasteID Support

SA Water Trade Waste

• Telephone (08) 7424 1336
• Email: GreaseArrestorAppSupport@sawater.com.au