# Waste Hotline

## Using Geographic Information Systems (GIS) to reduce public heath risk from solid waste in Haiti

Or……..

Putting the 'Where?' in the …….'Who?, What? and Where?'

Rob Watts – Disaster Waste Recovery (DWR)

Disaster Waste Recovery

# Waste Hotline

Using GIS technology to reduce public heath risk in Haiti

## Problem

- No solid waste removal service for a large number of camps
  - Solid waste build up and associated public health risk

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## Tasks

- Identify non-served camps
- Design, commission and manage solid waste collection and disposal service.

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## Problem

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## Tasks

- Identify non-served camps
- Design, commission and manage solid waste collection and disposal service.

## Solution

- Initiate information collection, storage and management
- Design a simple, robust web-based GIS system.
- Install system, train staff and provide monitoring.

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# Waste Hotline

## Using GIS technology to reduce public heath risk in Haiti

Logged in as GIS Logout

Search

**Ranmasé Fatra - Demo**

SUPERVISOR | DAILY TASKS | PAYMENTS | REQUESTS | PURGE CONTENT

Home » Supervisor

### Supervisor Administration Panel

View | Clone | Export

Submitted by System Admin on Tue 15 Mar 11 06:10

#### Latest Waste Requests

Requests made by camps that do not have a contractor allocated for collection.

Create new Waste Request >

**Priority**

<Any>

**Status**

Raised Reset

| Requested | Camp Name | Volume | Priority | Raise collection |
|---|---|---|---|---|
| 6 weeks 1 hour ago | Barbancourt # 17 | 20m3 | Important | +New task |
| 6 weeks 2 hours ago | Barbancourt # 17 | 20m3 | Important | +New task |
| 6 weeks 2 | | | | |

#### Disposal Tasks

Current and upcoming tasks that have been allocated to contractors

Create new Disposal task >

No collection/disposal tasks

more

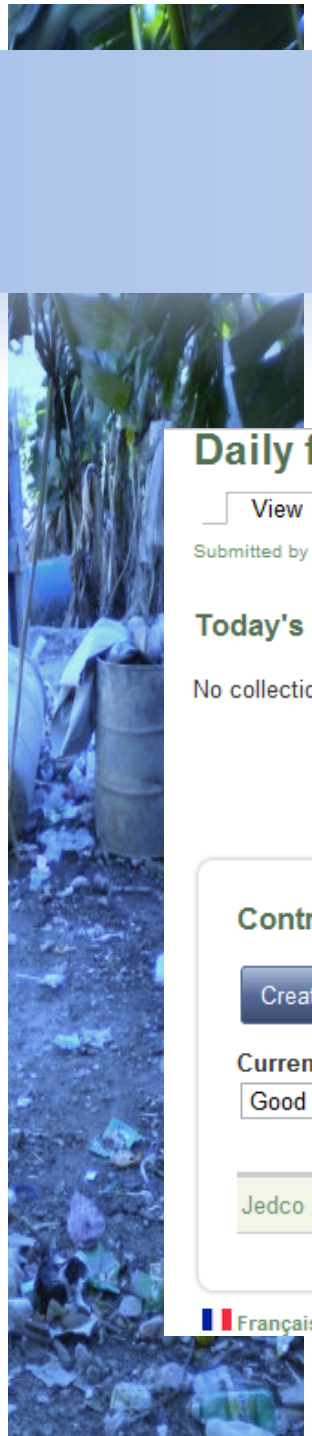
#### Today's Tasks

No collection/disposal tasks scheduled today

more

# Waste Hotline

## Using GIS technology to reduce public heath risk in Haiti



### Daily feedback

View | Clone | Export

Submitted by System Admin on Mon 14 Mar 11 07:18

**Today's Disposal Tasks**

No collection/disposal tasks scheduled today

more

**Waste Request Collection Validation**

No tasks to be verified

more

**Disposal Tasks Validation**

No disposal tasks to be verified

more

**Contractor List**

Create new Contractor entry >

Current Performance

Good | Reset

| | Price | Performance | Comments |
|---|---|---|---|
| Jedco [Edit] | $120 | Good | 0 Add new comment |

more

**GPS Data**

Upload a GPS track

Français

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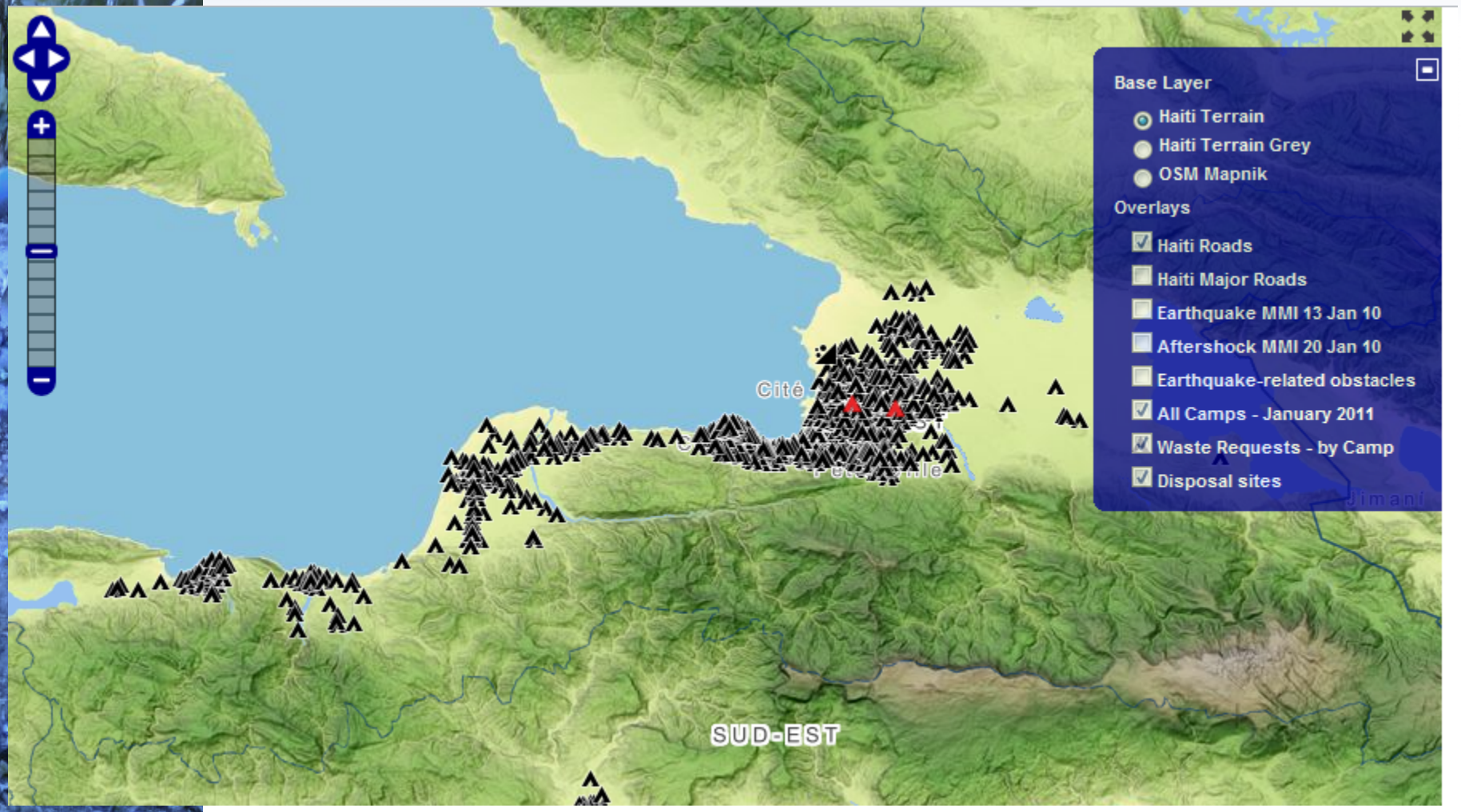

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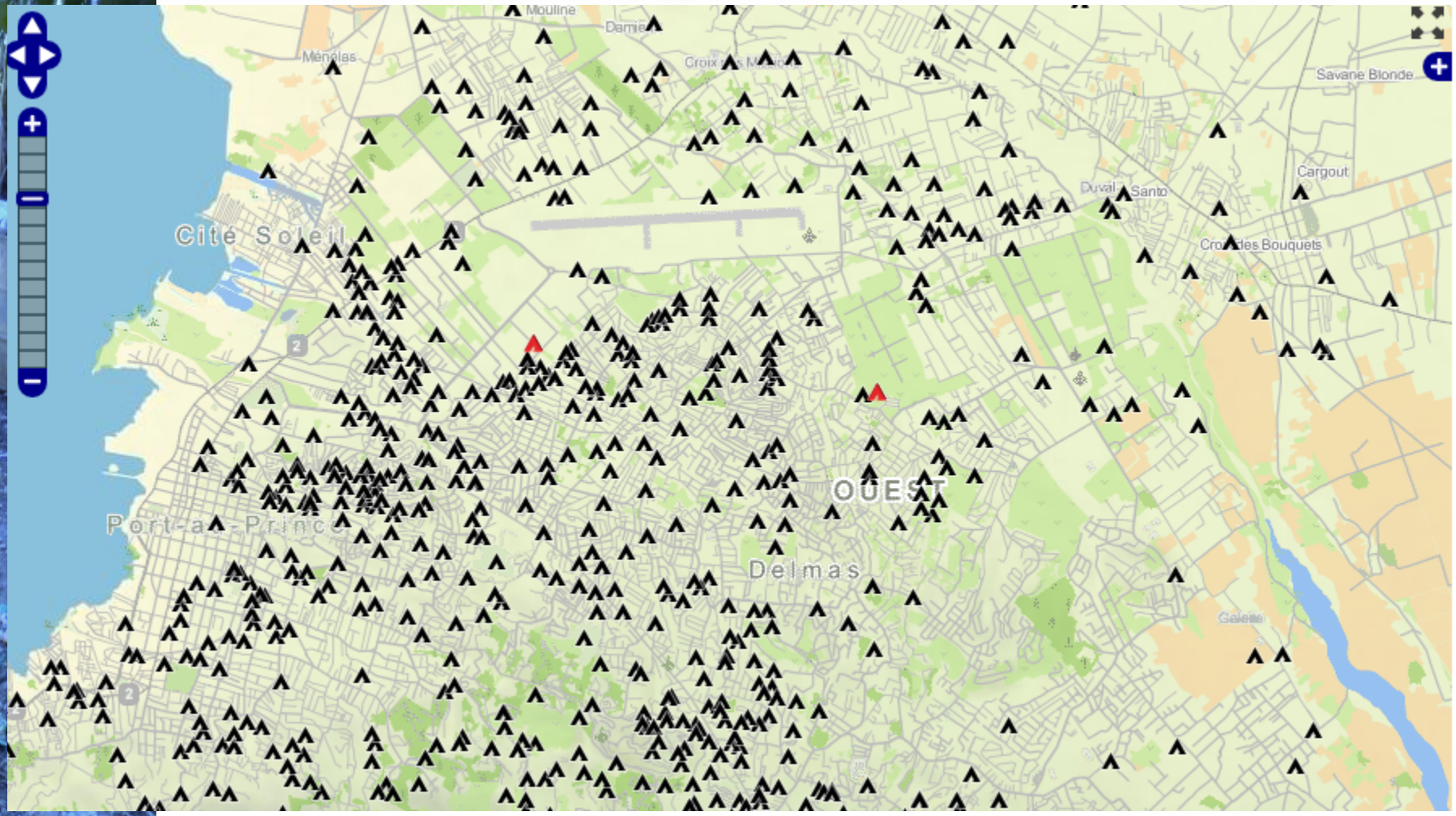

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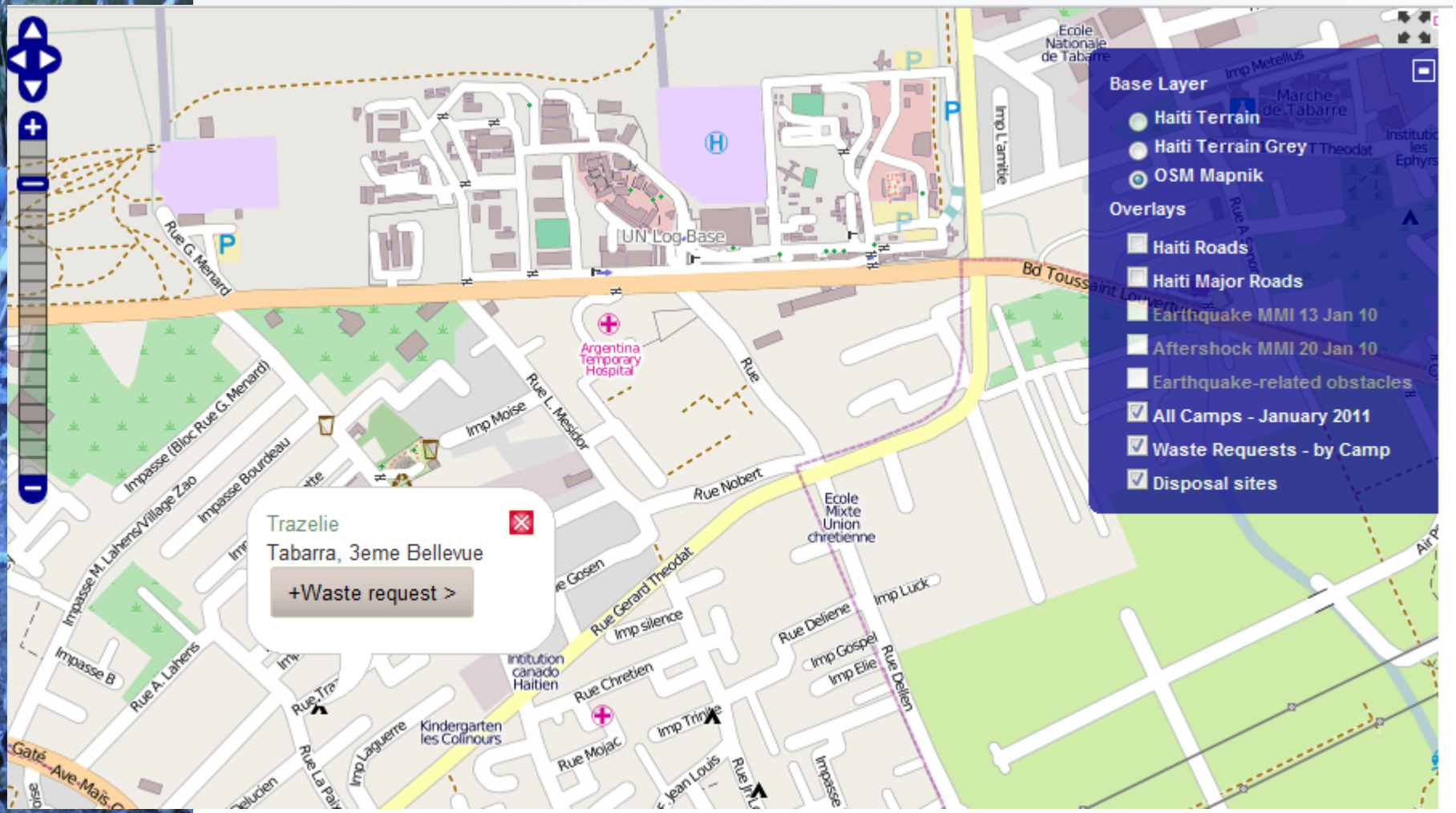

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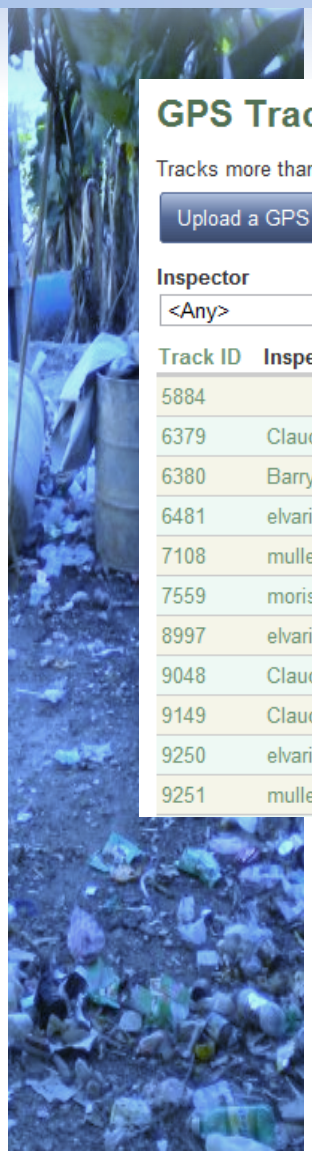

### GPS Tracks

Tracks more than 12 weeks old are removed from the database automatically. The original files remain st

Upload a GPS track

**Inspector**

<Any> Apply

| Track ID | Inspector | Date uploaded | Posted date | Track data |
|---|---|---|---|---|
| 5884 | | Sunday, March 27, 2011 | 27 Mar 11 14:07 | View track |
| 6379 | Claudel Laguerre | Monday, March 28, 2011 | 28 Mar 11 11:57 | View track |
| 6380 | Barry | Monday, March 28, 2011 | 28 Mar 11 11:57 | View track |
| 6481 | elvariste joseph odanier | Monday, March 28, 2011 | 28 Mar 11 11:57 | View track |
| 7108 | muller jean | Monday, March 28, 2011 | 28 Mar 11 12:00 | View track |
| 7559 | morisseau jean claude junior | Monday, March 28, 2011 | 28 Mar 11 12:08 | View track |
| 8997 | elvariste joseph odanier | Tuesday, April 5, 2011 | 05 Apr 11 16:18 | View track |
| 9048 | Claudel Laguerre | Wednesday, April 6, 2011 | 06 Apr 11 14:46 | View track |
| 9149 | Claudel Laguerre | Wednesday, April 6, 2011 | 06 Apr 11 14:56 | View track |
| 9250 | elvariste joseph odanier | Wednesday, April 6, 2011 | 06 Apr 11 15:24 | View track |
| 9251 | muller jean | Wednesday, April 6, 2011 | 06 Apr 11 15:34 | View track |

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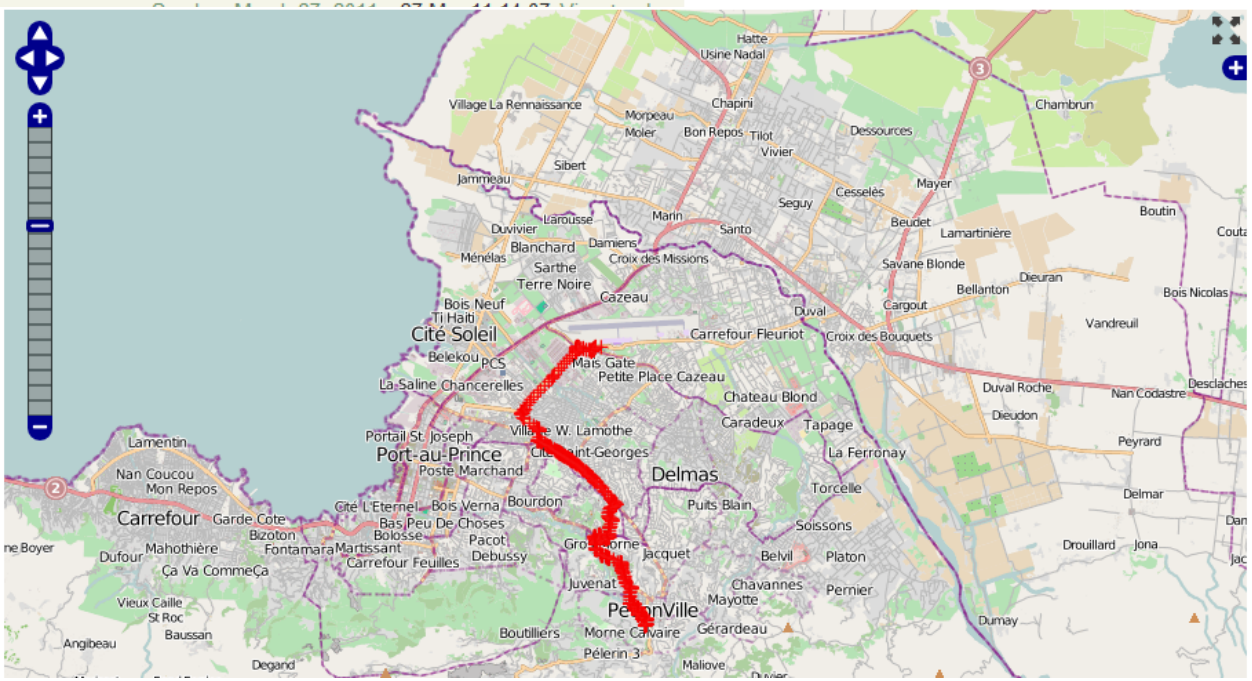


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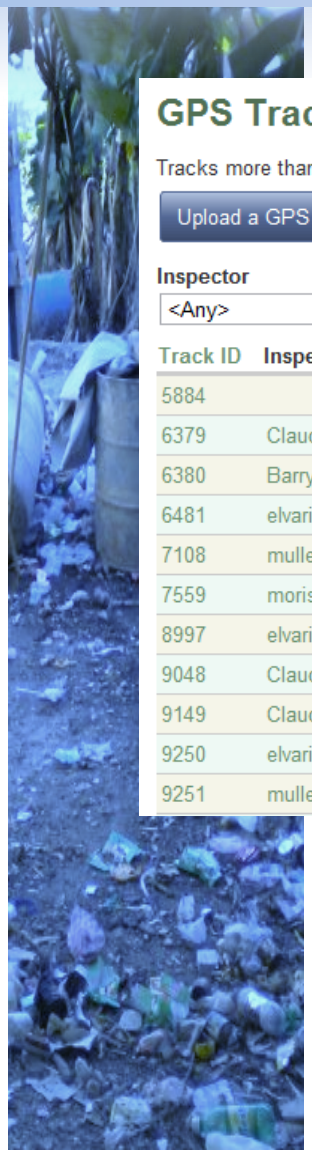

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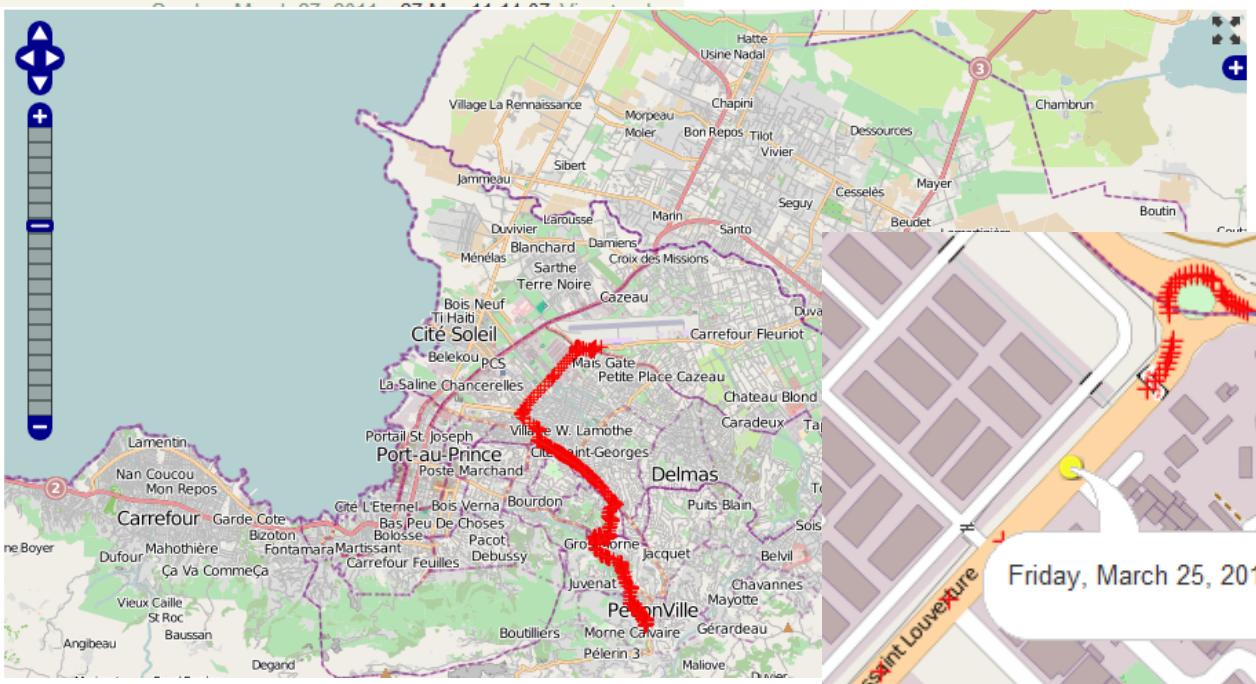

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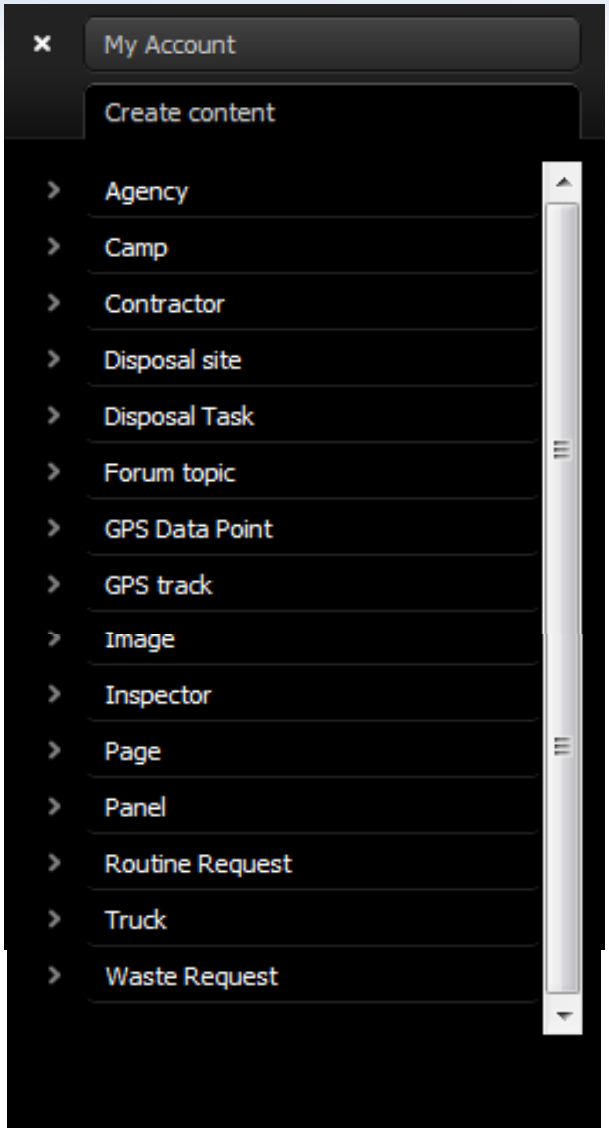


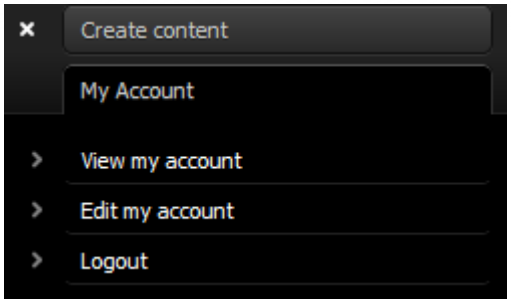


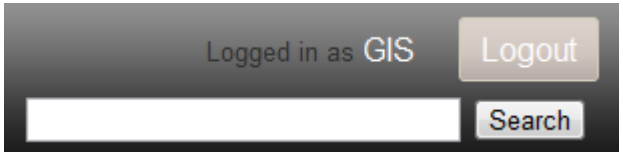


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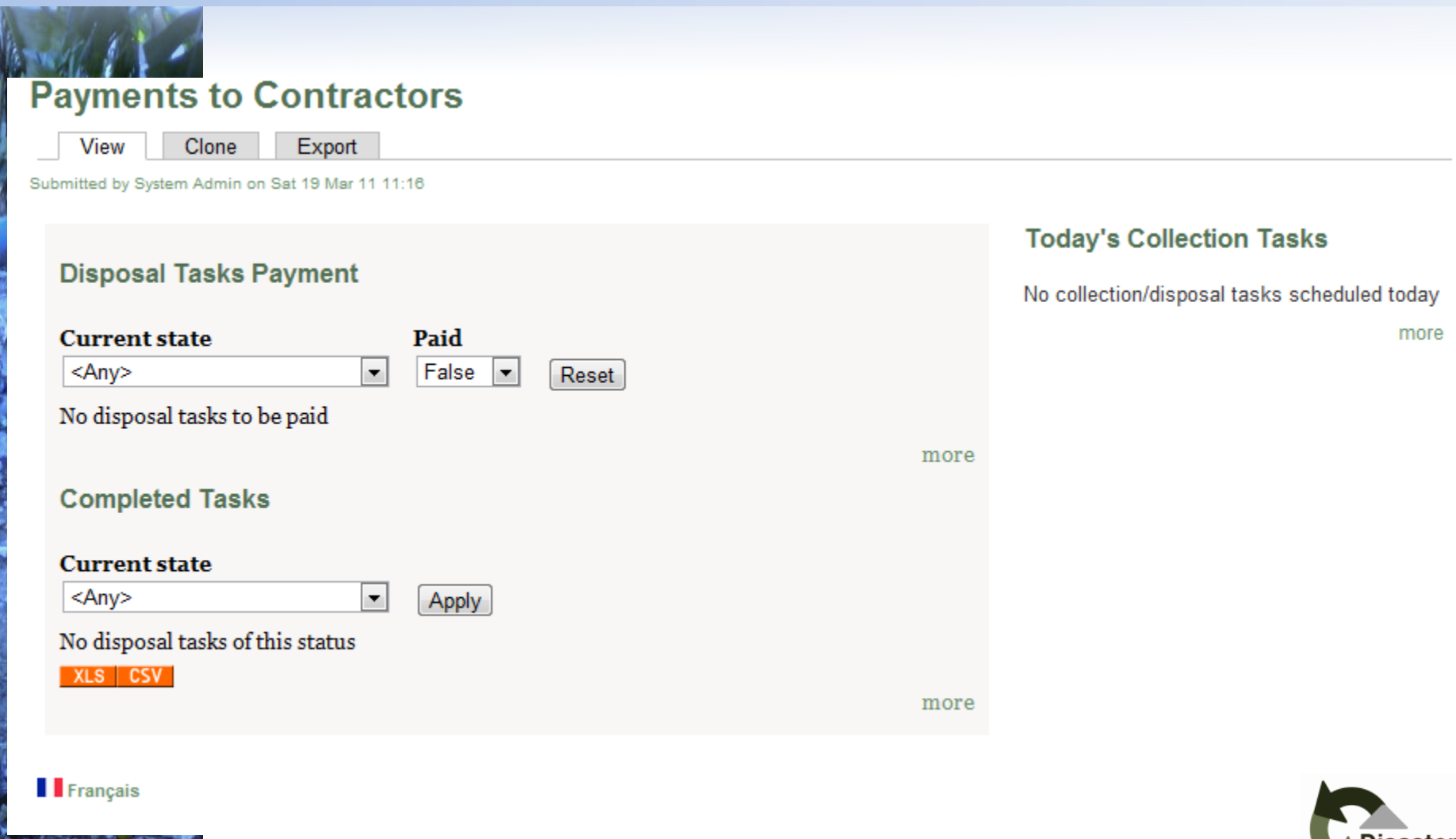


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# Waste Hotline

## Using GIS technology to reduce public heath risk in Haiti

### Simplicity

- ✓ Clear control/functionality
- ✓ Fast, efficient data flow control

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## Using GIS technology to reduce public heath risk in Haiti

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### Flexibility

- ✓ Made to measure
- ✓ Accessible anywhere in world
- ✓ Not limited by software functionality
- ✓ Limited by imagination only

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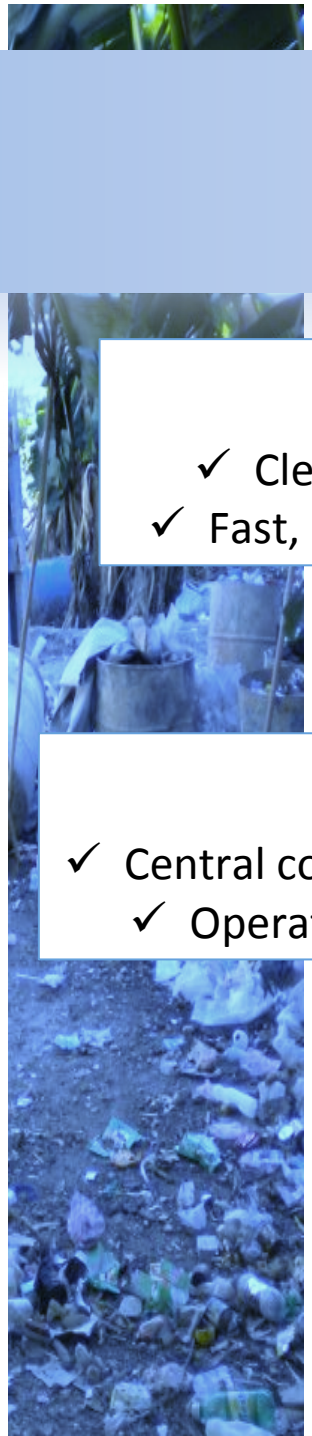

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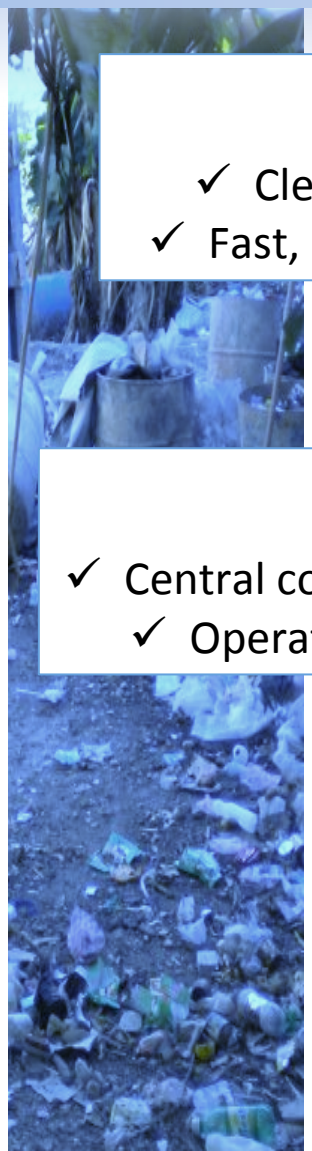

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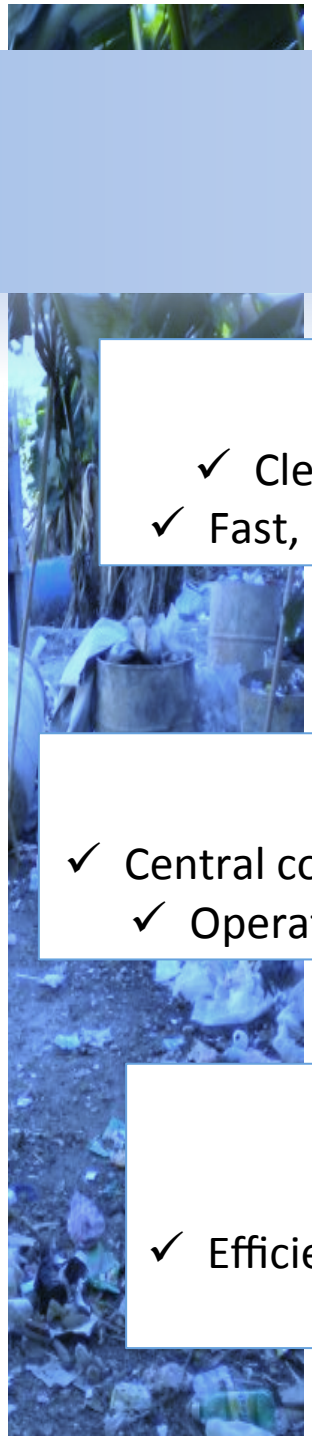

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## Cost effective

- ✓ Software licence
- ✓ Efficient, made to measure, scalable
- ✓ It works

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## Rob Watts

Disaster Waste Recovery

rob@disasterwaste.org


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