

EPA Manifest json Review: Part 1

URL patterns

full list of manifests /api/manifests/

- returns list of links to detailed manifests

manifest url /api/manifests/2/

- where 2 is the id for the manifest
- returns detail info about the manifest
- '2' could be defaulted to epa manifest id.

General recommendations

- Json is a mix of tabs and spaces. Tabs can cause issues in some cases, make sure that it is defaulted to spaces.
- lower case on the first letter of the key look up.
 - "ManifestTrackingNumber" to this "manifestTrackingNumber"
- Remove the extra layers. Example...
 - "EmergencyResponsePhone":

```
{
  "TelephoneNumberDataType":"1234567890"
},
```

TO THIS: "EmergencyResponsePhone": "1234567890"
- "EmergencyResponsePhone": "1234567890"
 - ^^ Where is the cleaning happening for this?
 - This needs to be standardized.
 - Make sure to take into consideration international numbers.
 - This is a string and should always remain a string.
- naming should be as short as possible, there is no need to be redundant.
 - "HandlerDataType":
 - "HandlerNameDataType" to "name"
 - "HandlerIDDataType" to "id"
- Null -- whatever you do, be consistent. In the example json that I returned I returned empty sets.

Generator

- In the json, you have "HandlerIDDataType":"DCR123456789", but you don't collect this on the form. Where is this coming from?
- HandlerAddressDataType -- separate into two explicit types
 - Address and Mailing address

- Both should have state + zip + country, unless the address and mailing address are the same -- then that can be used as a validator for leaving mailing blank. If they are not the same, then a mailing address is required.
- SignatureBlockDataType -- signature -- how are you initially storing these if they are going to be added at the end. This seems like something that shouldn't be included at this time, but added later when this becomes a more robust system.

International section

- Required section? No.
- port -- is there a list of ids? Is that enough? what are you looking for here?
- date leaving the US -- do we not care about entry? or time?

Transporter

- Transporters in the Generator section and in the transporter section -- are these 2 different types of transporters OR are they the same? Example...
 - Generator transporters: Foo and Baz
 - Transporter: Foo and Baz
- acknowledgement_name -- how much standardization for names?
 - Suggested handling -- 1 text field for simplicity in data entry.

Designated Facility

- EPA # -- how often does this overlap between each? Should there be a shared set of facilities/entities?

Manifested Waste

- HazardousWaste -- Is this from 9a? Why does it say HM and not HW? (Make sure that terms match to make it easier to translate for human who might be using both sides.)
- description -
 - 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))
 - ^^ Need sample data from this section before moving forward.
 - need mapping of some examples to fields in sample json
- containers - are there more than one for each line item? If not, then there is no reason to FK the data item.
- UnitsOfMeasureDataType --- units_of_measure
 - Create a standardized list for this, so it is normalized
 - "Choices" field
- Waste Code Types -- are these mixed in #13?
 - WasteCodeDataTypeFederal -- waste_code_fed
 - is there more than one possible?
 - WasteCodeDataTypeState -- waste_code_state

Additional Info

- "AdditionalInfoTextDataType":"The line below is redundant, ask me how!",
 - How?
- ^^ Need sample data from this section before moving forward.