

OEHSA - Section Completion

[1] Since there are 21 sections to the OEHSA, only a few will be covered in this guide. Thorough explanations for all sections are covered in OEHSA TTP (ATP 4-02.82). Note: This guide does NOT address Exposure Pathways (EPs), only objective site information. How to create and link an EP to an applicable OEHSA section is addressed in tutorial # 8.

[2] Documentation of **air pollution sources and air quality** concerns can be primarily captured in 5 different sections. Data input is often initiated from the Present/Absent radio button and the (+) button as see in (a). Other sections utilize check boxes (b) and/or free text (c).

Section 3 (Site Description - Nearby Industrial Facilities)

3. Site Description

Nearby Industrial Facilities Are there any nearby industrial facilities? Present Absent If Present, list below.

Nearby Industrial Facilities

Select	Geo-coordinates (Lat/Long in decimal degrees)	Name	Type(s) of Industry	Active	Description	Proximity to Location (in kilometers)
<input type="checkbox"/>		[local name] Cement Plant	Cement Production Plant	Yes	Fully active facility, details unknown	3.0

Delete Selected Item(s)

Section 4 (Site Infrastructure – Onsite Industrial Operations; Descriptions of Roads; Description of Power Generation)

4. Site Infrastructure

Onsite Industrial Operations Description of Structures Description of Roads / Hardstand Description of Power Generation Contractor Services

Description of Power Generation Describe how power is generated at the camp: individual and/or bulk generators or city power. (Include Potential Electrical Hazards and Sources of PCBs)

Tactical Generators Commercial Generators Municipal/Local Grid

Present Absent If Present, list below.

2 50 kW generators on south side. Approx 30,000 gal/mon
4 100 kW generators on north side Approx 60,000 gal/mon
All in continuous operation and fueled by diesel

Note: These 5 sections are the primary sections for air pollution sources/concerns. Other sections may apply in isolated instances.

Section 5 (Hazardous Materials – Petroleum Distribution Points)

5. Hazardous Materials

Petroleum Distribution Points Hazardous Material Storage/Unidentified Substances Hazardous Material Disposal Hazardous Material Migration

Petroleum Distribution Points Are there any existing or former fuel points? Present Absent If Present, list below.

Petroleum Distribution Points

Select	Fuel Type	Location Description	Container Size	Number of Containers	Container Type	Age/Condition	Above/Below Ground	Contractor Operated
<input type="checkbox"/>	Diesel	South side tank	2000 L	2	metal	Good condition	Above	No
<input type="checkbox"/>	Diesel	Motorpool	500000L	1	metal	good condition	Above	No

Delete Selected Item(s)

Section 6 (Waste Management – Incinerators/Burn Pits)

Section 9 (Air Quality – Ambient (Outside) Air Quality)

[3] Section 10 is the primary location to document **water system components (WSCs)** for a site. Ideally the site’s water system is made first (see tutorial 9). Creation of the water system will greatly simplify adding the WSCs in section 10. Water systems and OEHSA WSCs are summarized as follows:

Natural Water Sources (present on **both the water system and OEHSA**)

Municipal Water Sources (present on **both the water system and OEHSA**, addresses the water treatment plant or brick and mortar facility)

2 WSCs are not on the OEHSA, and only present on the Water System:
 - Water Containers
 - Pipe Distribution Systems

Bottled Water Sources (present on the **OEHSA only**, technically not a WSC)

Water Treatment Systems (present on **both the water system and OEHSA**, labeled as “*field* water treatment systems” on water system; addresses reverse osmosis units)

[4] Sections 19 and 20 serve as the formal mechanism to summarize **Recommendations** and document **Communication to the Commander** of the site.

[5] When finished completing all sections, mark the survey 'Ready for QA'. DOEHRS uses basic validation criteria to ensure all field are addressed, otherwise they are flagged in red as shown. Correct the missing data fields and re-save the survey as 'Ready for QA' a second time. Note that EP associations must also be accounted for to meet the validation criteria. Creating and association EPs are addressed in tutorial #8.

The screenshot shows the OEHSA Survey form with several validation errors listed in red text. A callout box points to these errors, stating "Sections not meeting validation criteria". Another callout box points to the "Ready for QA" status dropdown, stating "Correct the validation errors and re-save as 'Ready for QA'".

Validation Errors:

- Section 5 - Potential Releases is required.
- Section 7 - Pesticide Use is required.
- Section 10 - Water Surveillance Program is required.
- Section 20 - Date is required.
- Section 6 - Answer to Solid Waste Present Question is required.
- Section 9 - Indoor Air Quality (IAQ) Notes is required.
- Section 14 - Answer to Other Environmental Health Concerns Present Question is required.
- Section 9 - Answer to Ambient Air Quality Conceptual Site Models Yes/No Question is required.
- Section 9 - Answer to Indoor Air Quality Conceptual Site Models Yes/No Question is required.
- QA status has been reset due to other validation errors.

Form Fields:

Location: Base Camp SMOKEY
Survey ID: 56444

Buttons: Save, Save And Continue Working, Cancel

General Survey Information

Survey Start Date/Time*	2020/05/29	(yyyy/mm/dd)	0730	(1500)	Status	Ready for QA
Survey Completion Date/Time		(yyyy/mm/dd)		(1500)		
Surveyor Selection						
Surveyor's Name				Surveyor's Email		
Surveyor's Phone Number				Surveyor's Unit		