

LTVSPA Assessment Report – Section 7
Updated Tables

The following tables have been updated

- to reflect that the Fuel EBA for Wheatley results in an IPZ-3 for both the primary and emergency intakes
- threats counts for Wheatley
- threats counts for Stoney Point

**Table Error! No text of specified style in document.-1 :
Number of Locations of Significant Drinking Water
Threats**

System and Vulnerable Area	Vulnerability Score	Number of Locations of Significant Threats
Chatham/South Kent Water Treatment Plant		
IPZ-1	5.0	0
IPZ-2	4.0	0
Highgate Well Supply System		
WHPA - A	10	32
WHPA - B	6	2
WHPA - C	4	0
WHPA - D	2	0
Ridgetown Well Supply System		
WHPA - A	10	25
WHPA - B	6	0
WHPA - C	2	0
WHPA - D	2	0
West Elgin Water Treatment Plant – Primary Intake		
IPZ-1	6.0	0
IPZ-2	4.2	0
West Elgin Water Treatment Plant – Emergency Intake		
IPZ-1	7.0	0
IPZ-2	5.6	0
Wheatley Water Treatment Plant – Primary Intake		
IPZ-1	6.0	0
IPZ-2	4.8	0
IPZ-3	n/a	14*
Wheatley Water Treatment Plant – Emergency Intake		
IPZ-1	7.0	0
IPZ-2	5.6	0
IPZ-3	n/a	14*
Stoney Point Intake (Essex Region SPA)		
IPZ-3	2.7 to 6.3	18
HVA and SGRA		
HVA	6.0	0
SGRA	6.0, 4.0 and 2.0	0

* Event modelled threats only (fuel storage and handling)

Table Error! No text of specified style in document.-2 Levels of Threats Related to Pathogens and Chemicals in the Wheatley IPZs

Vulnerable Area	Vulnerability Score	Level of Threat for Activities Related to Pathogens			Level of Threat for Activities Related to Chemicals		
		Significant	Moderate	Low	Significant	Moderate	Low
Wheatley Primary Intake							
IPZ-1	6.0	No	Yes	Yes	No	Yes	Yes
IPZ-2	4.8	No	No	Yes	No	No	Yes
IPZ-3	n/a	No	No	No	Yes*	No	No
Wheatley Emergency Intake							
IPZ-1	7.0	No	Yes	Yes	No	Yes	Yes
IPZ-2	5.6	No	No	Yes	No	No	Yes
IPZ-3	n/a	No	No	No	Yes*	No	No
* storage and handling of fuel in EBA only							

Table Error! No text of specified style in document.-14 Significant Threats in the Stoney Point EBA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	IPZ
The handling and storage of fuel	Chemical	3
Number of occurrences of significant prescribed drinking water threats		18
Total number of locations of significant prescribed drinking water threats		18

*some parcels may have more than one activity occurring

Table Error! No text of specified style in document.-15 Significant Threats in the Wheatley EBA

Prescribed Drinking Water Threat	Type (Chemical, Pathogen or DNAPL)	IPZ
The handling and storage of fuel	Chemical	1,2,3
Number of occurrences of significant prescribed drinking water threats		14
Total number of locations of significant prescribed drinking water threats		14

*some parcels may have more than one activity occurring