Appendix G-2. Water Sampling Data Worksheet

(Revised September 20, 2012)

Directed Surveys: In situ Water Sampling (00580), Filtration (00590)

1	I
Observation Number	Observation Date Data [YYYYMMDD] Source
	<pre>(year)(month)(day)</pre>
	Host (crop)
Latitude Longitude	
	vey type 0 - no symptomatic plants

Units Check		- - blank , -	Duration , 	Diagnostic Lab
, 	Laboratory [YYYYMMD] Process-date - date lab test compl	Target - , Leave BLA -		
		Code - -		

Sample ID = less than or equal 10 positions for either NPDN/state/federal number NOT required for non-lab sample records

NOTES = Record whether water sampling was within or outside nursery (i.e. holding tank, pond, stream, drainage, riverbank, etc.)

Field survey sample record:

Each field survey sample is to be entered as its own separate record after laboratory confirmation of the sample's negative or positive status has occurred. The protocol followed to make a final determination of P. ramorum positive may take a sample through multiple laboratories and several diagnostic techniques. At any step, a negative result might occur. Following a negative laboratory outcome, a sample's result is complete. A record is created and entered into NAPIS.

The only time a positive entry for a sample occurs is after an APHIS designated laboratory returns a positive confirmation. (see last example)

date

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lab process	results	lab	YYYYMMDD	comments

A. PCR detection (DNA) neg. 90110

If sample results are negative from Beltsville or a provisionally approved lab, test is complete; enter results.

1280301,20060701,13,18157,34137,,43050,,,FGHEPWN,,-,00557,0,318,3,,,849,90110,20060702,,IN0515714,47905,imports from California

If PCR positive results occur then DNA extraction is done and material is sent to the USDA, APHIS, CPHST Beltsville lab for final confirmation.

date

	lab process	results	lab	YYYYMMDD	comments
	=======================================	=======	====	=======	=======================================
В.	culture (selective)	neg. 90040			
	Elisa test - serology	neg. 90020			

If culture positive results occur then a sample is submitted for final confirmation to the USDA, APHIS, CPHST Beltsville lab, Beltsville, MD.

Samples tested by ELISA and found to be above a background threshold are To be tested further.

APHIS/USDA RESULTS:

			date	
lab process	results	lab	YYYYMMDD	comments
=======================================	=======	===	======	==========
culture	pos. 90041	3004		USDA results
PCR Detection	neg. 90110	3004		USDA results
PCR Detection	pos. 90111	3004		USDA results

USDA determines symptomatic sample to be negative.

1260501,20060430,13,18157,34036,,43050,,,FGHEPWN,,-,00557,0,318,3,,,3004,90110,20060620,,678912355112,47906,

PCR Detection positive is from CPHST Beltsville lab:

1220201,20060601,13,18157,34022,,43050,,,FGHEPWN,,+B,00557,1,318,4,,1,3004,90111,20060620,,123456123411,47903,quarantine order