

FPBGSA Proposed Monitoring Wells

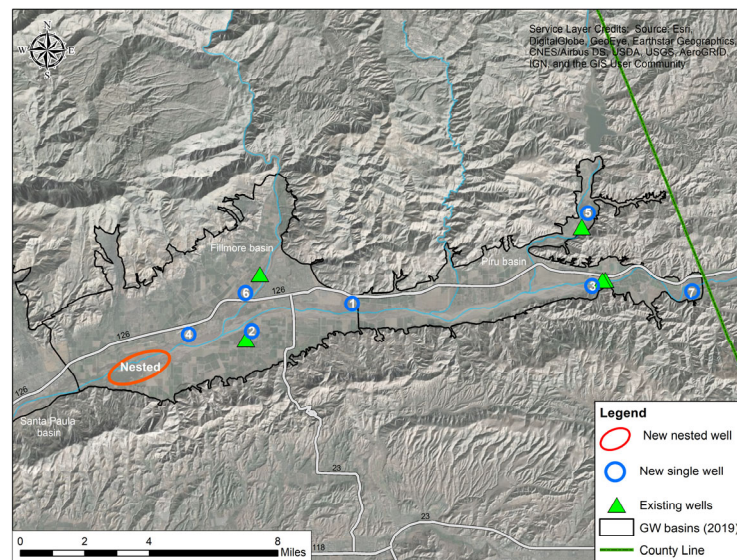
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Proposed well sites following data gap analysis. Sites are numbered by priority ranking.

New deep nested well site in west Fillmore basin.

Seven additional shallow well locations proposed (~ 100 ft. depth).



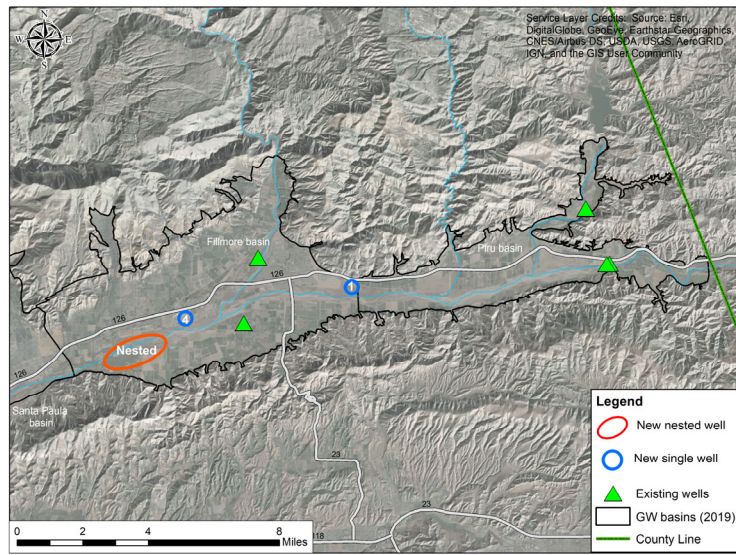
2

Staff identified four existing wells that fit location and depth criteria.

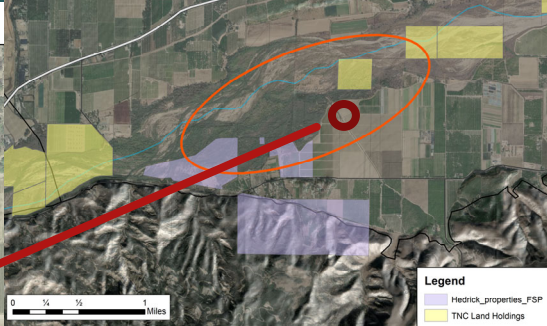
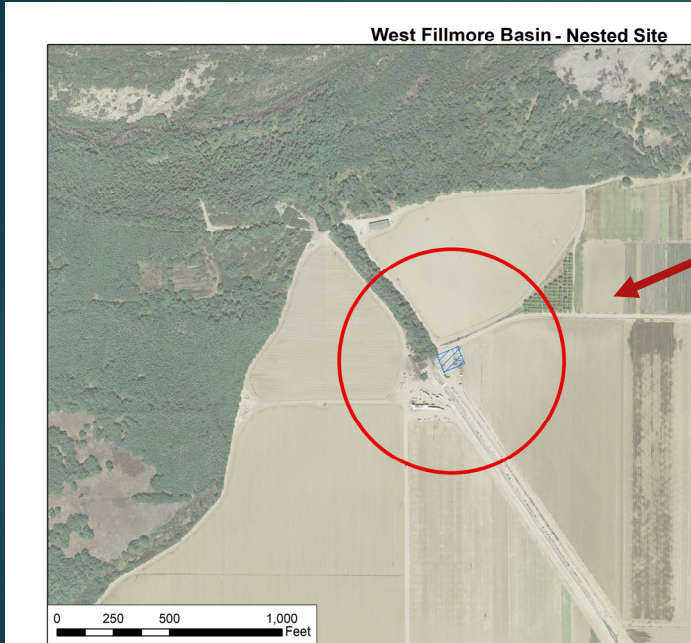
3 sites proposed for new well construction.

CEQA Categorical Exemption(s):
Section 15306 *Information Collection* – covering proposed new wells.

Section 15301 *Existing Facilities* – covering proposed well retrofits.



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Nearby parcels or alternate sites likely have more stringent permitting requirements.

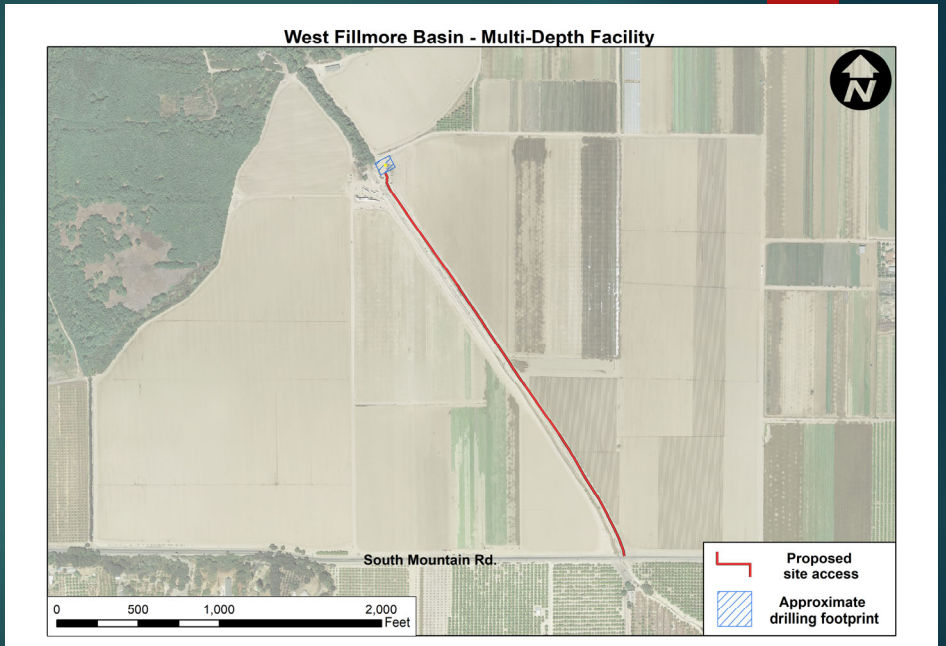
Proposed site location is currently unused and likely to have low interference with Ag operations.

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Nested Well Site:

Nearby well monitored by UWCD, unknown well construction.

Final site may be moved to accommodate property owner's land use plans.



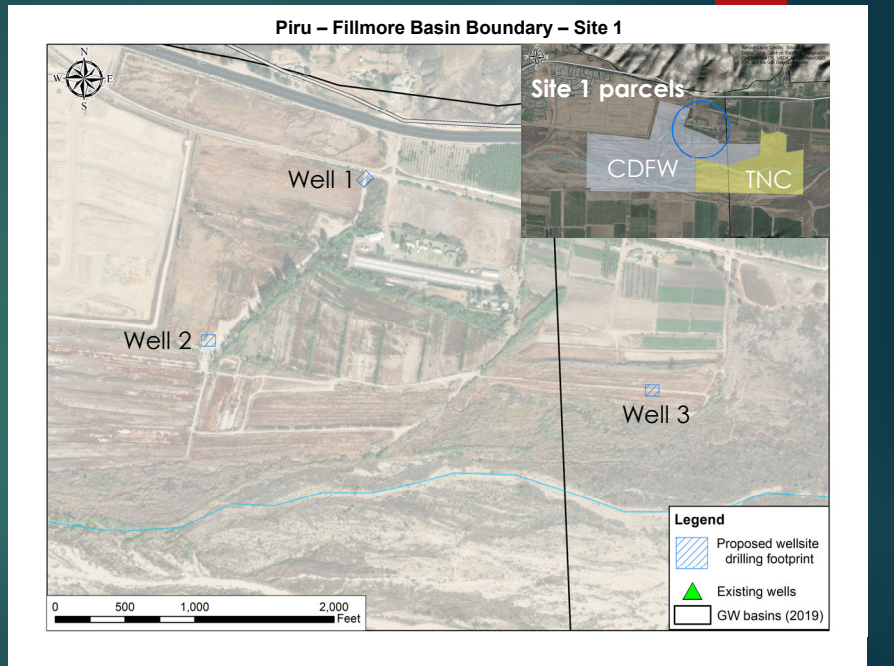
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Site 1:

Existing wells in and around the site are screened too deep or in multiple zones.

Wells are sited greater than 500 ft. from riparian habitat.

Surface flows and effluent from hatchery may influence shallow water table in this vicinity.

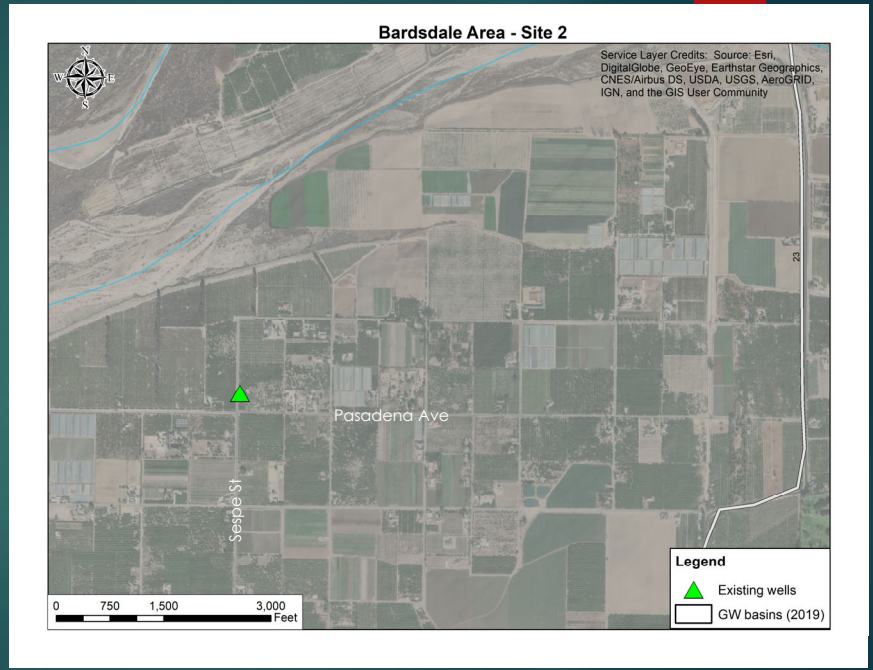


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Site 2:
Existing well,
monitored by UWCD
monthly.

Unknown screen
interval, well drilled
to 92 ft. bgs in 1949.

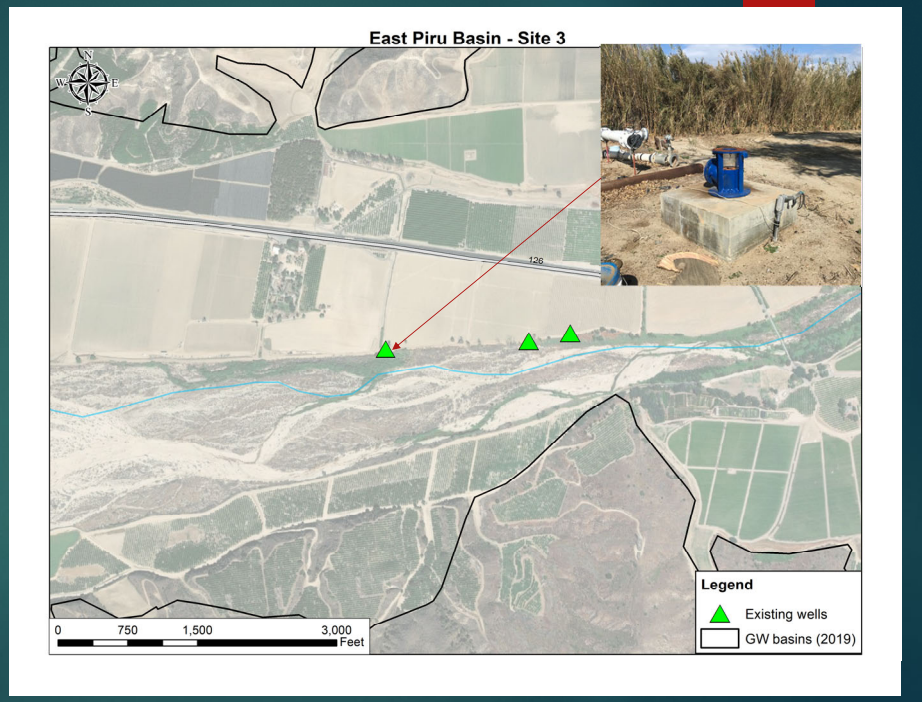
Request made to
modify wellhead for
transducer
installation.



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Site 3:
Property manager
suggested a
nearby alternate
well, drilled to 120
ft. bgs. in 2007.

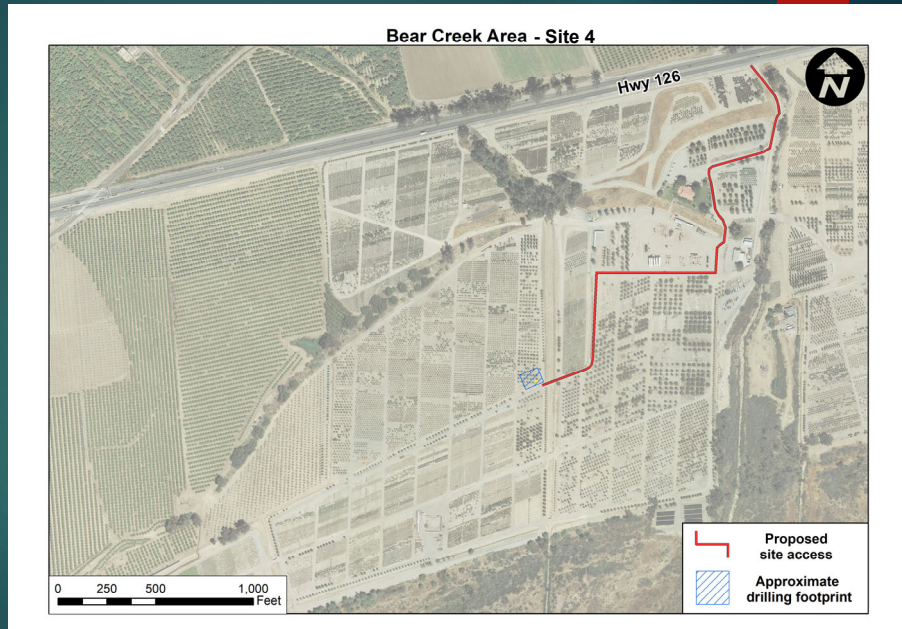
The well is not in
use and can be
converted to a
dedicated
monitoring well
with transducer.



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Site 4:
Nearby wells
with water level
records are
screened in
deeper zones.

Currently in
discussions with
property
managers for
siting and drilling
a new shallow
well.

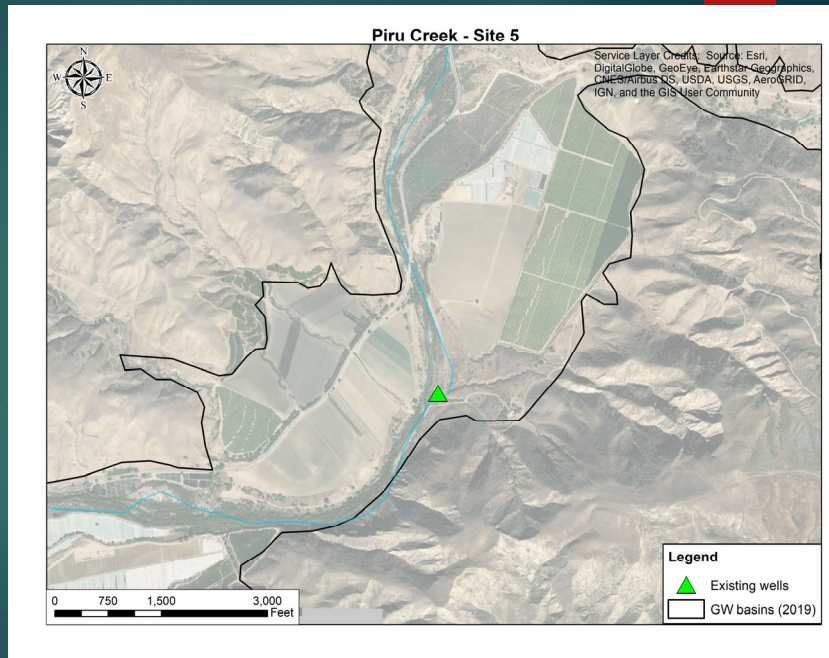


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Site 5:

Shallow domestic
well adjacent to
Piru Creek

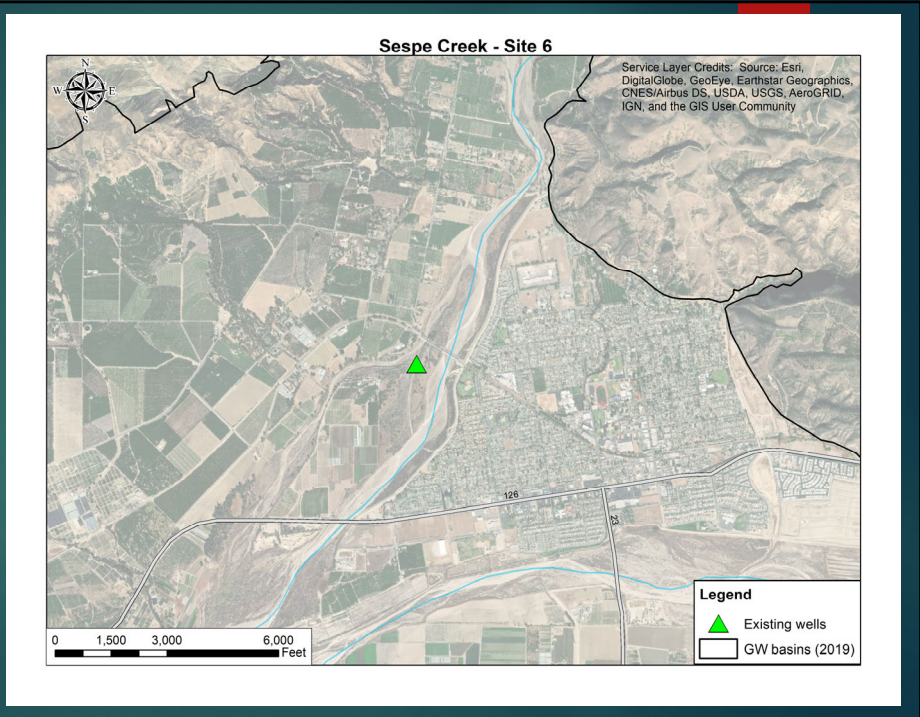
Owner has
agreed to allow
access for
monitoring.



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Site 6:
Shallow domestic
well drilled to 92 ft.
bgs.

Owner has
agreed to access
for monitoring,
and wellhead
modifications for
instrumenting with
a transducer.

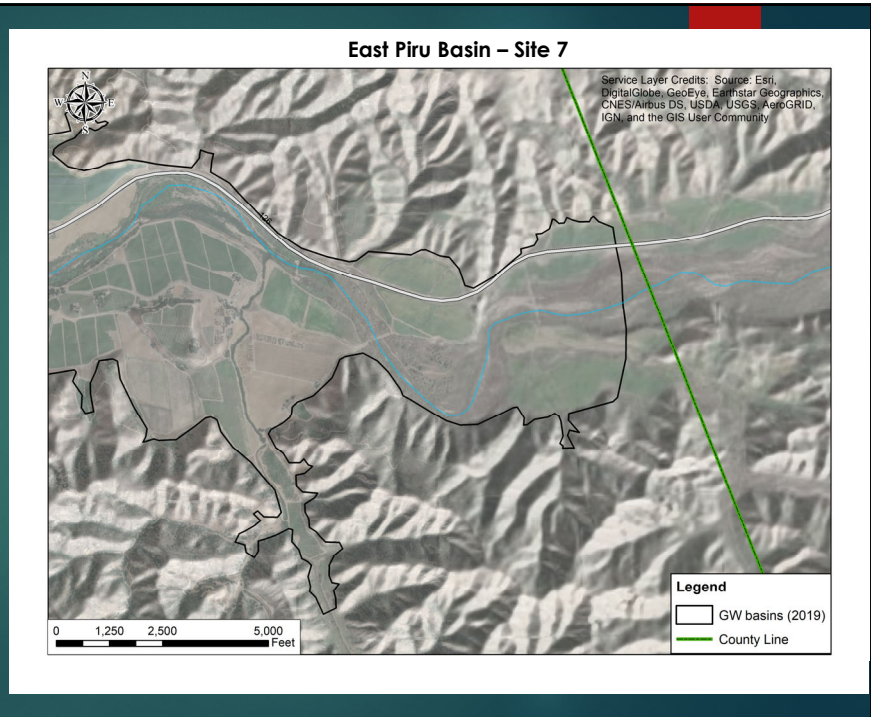


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Site 7:
No longer
proposing new
monitoring well in
this vicinity.

Thin alluvium and
water table likely
very shallow and
stable.

Unlikely to secure
easement within
the year.



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Schedule

	Feb.	March	April	May	June	July	August	Sep.	Oct.	Nov.
New construction										
Nested Site	Identify potential site/ parcel info.		Initiate discussion with land owner	Secure easement Submit CEQA findings	Open RFB for well construction	Well construction permits/waiver		Start construction	End construction	Include in monitoring network
Site 1	Identify potential site/ parcel info.		Initiate discussion with land owner	Secure easement Submit CEQA findings	Open RFB for well construction	Well construction permits/waiver	Start construction	End construction	Include in monitoring network	
Site 4	Identify potential site/ parcel info.		Initiate discussion with land owner	Secure easement Submit CEQA findings	Open RFB for well construction	Well construction permits/waiver	Start construction	End construction	Include in monitoring network	
Existing wells										
Site 2		Initial contact with land owner	Secure access agreement/easement	Open RFB for wellhead mods.	Wellhead mods.		Include in monitoring network			
Site 3	Initial contact with land owner	Secure access agreement/easement		Convert to dedicated monitoring well	Include in monitoring network					
Site 5	Initial contact with land owner	Secure access agreement/easement		Open RFB for wellhead mods.	Wellhead mods.		Include in monitoring network			
Site 6	Initial contact with land owner	Secure access agreement/easement		Open RFB for wellhead mods.	Wellhead mods.		Include in monitoring network			
Site 7										
	<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #90EE90; border: 1px solid black;"></div> Complete <div style="width: 20px; height: 10px; background-color: #FFFF00; border: 1px solid black;"></div> In Progress <div style="width: 20px; height: 10px; background-color: #FF0000; border: 1px solid black;"></div> Not started </div>									