# Update the remote application

The master Status and Trends project is located here:

When changes are made, commit and push them to github.

# Remote log-in

Computer name: WQ101190-pbryan.deq.state.or.us

Once logged in, **pull changes, clear the environment**, and run by:

* Run *library(shiny)*
* Run *runApp("app",host="0.0.0.0",port=3168)*

To view the application go to:

<http://10.7.111.30:3168/> from any DEQ computer on the server.

# Mid Coast Static status and trend app

For the North and Mid Coast Monitoring Summit, I created a static app that sourced the mid coast dataframe. The app is located here: [\\deqhq1\TMDL\AgWQM\DataAnalysis\02\_Presentations\StatusAndTrendMidCoastStatic](file:///\\deqhq1\TMDL\AgWQM\DataAnalysis\02_Presentations\StatusAndTrendMidCoastStatic)

Included in this static application are the scripts for adding total nitrogen and updates on the leaflet map. I was hoping to have time to merge this with the status and trends app, but did not.

# Adding an additional Parameter to the Status and Trend Tool

Parameter adding: Total Suspended Solids

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| --- | --- | --- |
| **R.script** | **Function** | **Comments/Explanation** |
| 01\_DataQuery.R | laserQuery | Added ‘Total Suspended Solids’ to qryParms after viewing unique analytes (Paramter\_NM) in XLU\_LASAR\_PARAMETERS and verifying that ‘Total Suspended Solids’ was only way of writing analyte name |
| 01\_DataQuery.R | elementQuery | Added ‘Total Suspended Solids’ to qryParms |
| 01\_DataQuery.R | wqpData | Go to: [www.waterqualitydata.us/portal](http://www.waterqualitydata.us/portal) to find how the water quality portal writes the parameter, in this case ‘Total suspended solids’. Add name difference to look up table in the tool folder. |
| 01\_DataQuery.R | wqpData | Update sampleMedia if different, in this case changed to ‘Sediment’ |
| 01\_DataQuery.R | nwisData | Look up parameter code:  Total suspended solids: 00530, 70293, 70299; group name: physical, units: mg/l |
| ui.R | shinyUI(fluidPage( LN 34 ) | Add TSS to list of parms |
| server.R | Run seasonal kendall, LN 254 | Add TSSS to input parms |
| funHelpers.R | Create: EvaluateTSSWQS | Note: WQS dependent on user input (input$selectWQSTSS) |
| funPlots.R | Create: plot.TSS | Note: WQS dependent on user input (input$selectWQSTSS) |
| FunHelpers.R | EvaluateTSSWQS | Create EvaluateTSSWQS which outputs new\_data and exceedance table |
| FunHelpers.R and Server.R | Generate\_exceed\_df | Add necessary inputs and dataframes to function input |
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