

Colvin, Judith

From: regli@hydroearth.com
Sent: Thursday, March 27, 2008 3:55 PM
To: Colvin, Judith; Huff, Gwen
Cc: phil@aol.com
Subject: Update written comments from HydroEarth

Attachments: Rancho Mira Loma New Design (2) (2).doc



Rancho Mira Loma
New Design (2...

Gwen & Judy,

It was good meeting you both today. Attached are my written comments to my oral comments that I made at the presentation representing Hydroearth.

If you have any questions, you can reach me at (949) 636-7749 (cell) or by email or leave a message at the office (949) 305-9063.

Best Wishes,

PHil Regli

Rancho Mira Loma



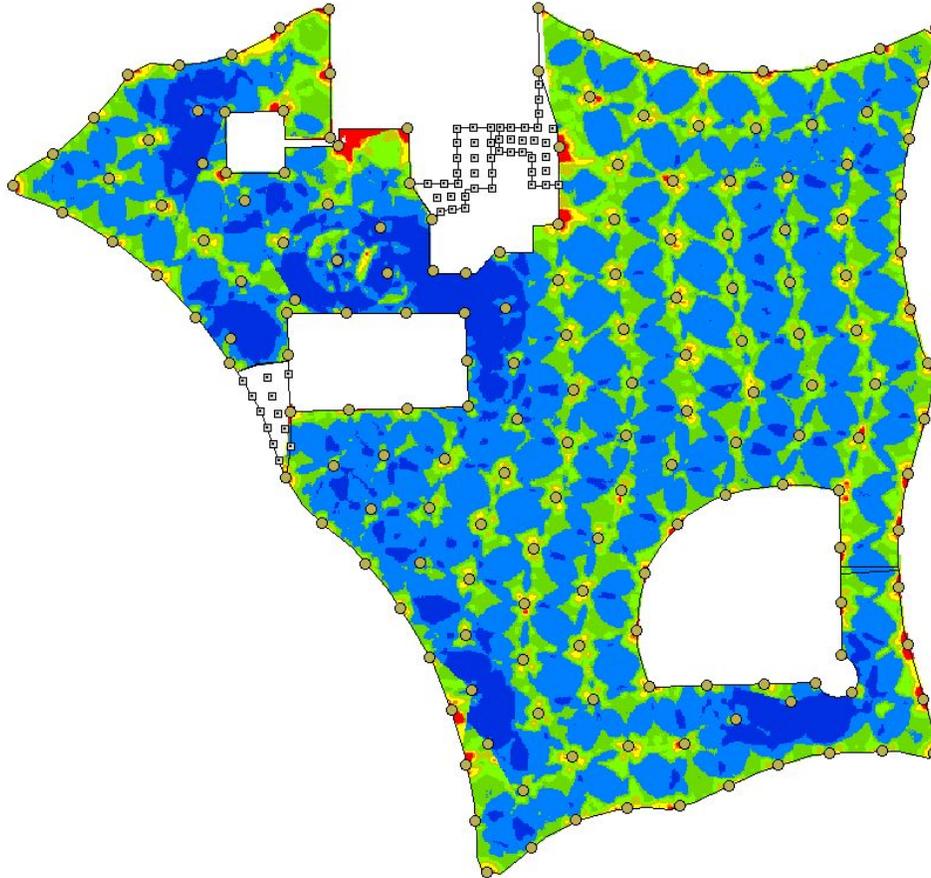
Prepared by

Water Management Group

For

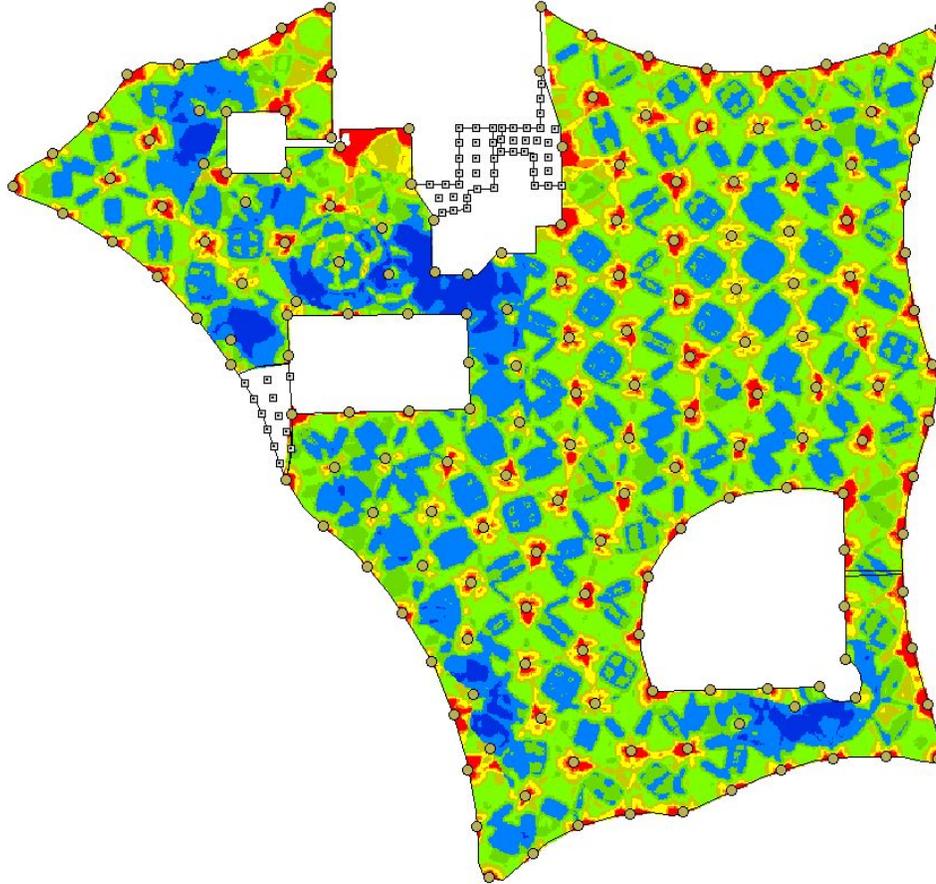
November 18, 2007

Water Distribution Analysis Case 1
Hunter PGP Nozzle #9 50psi



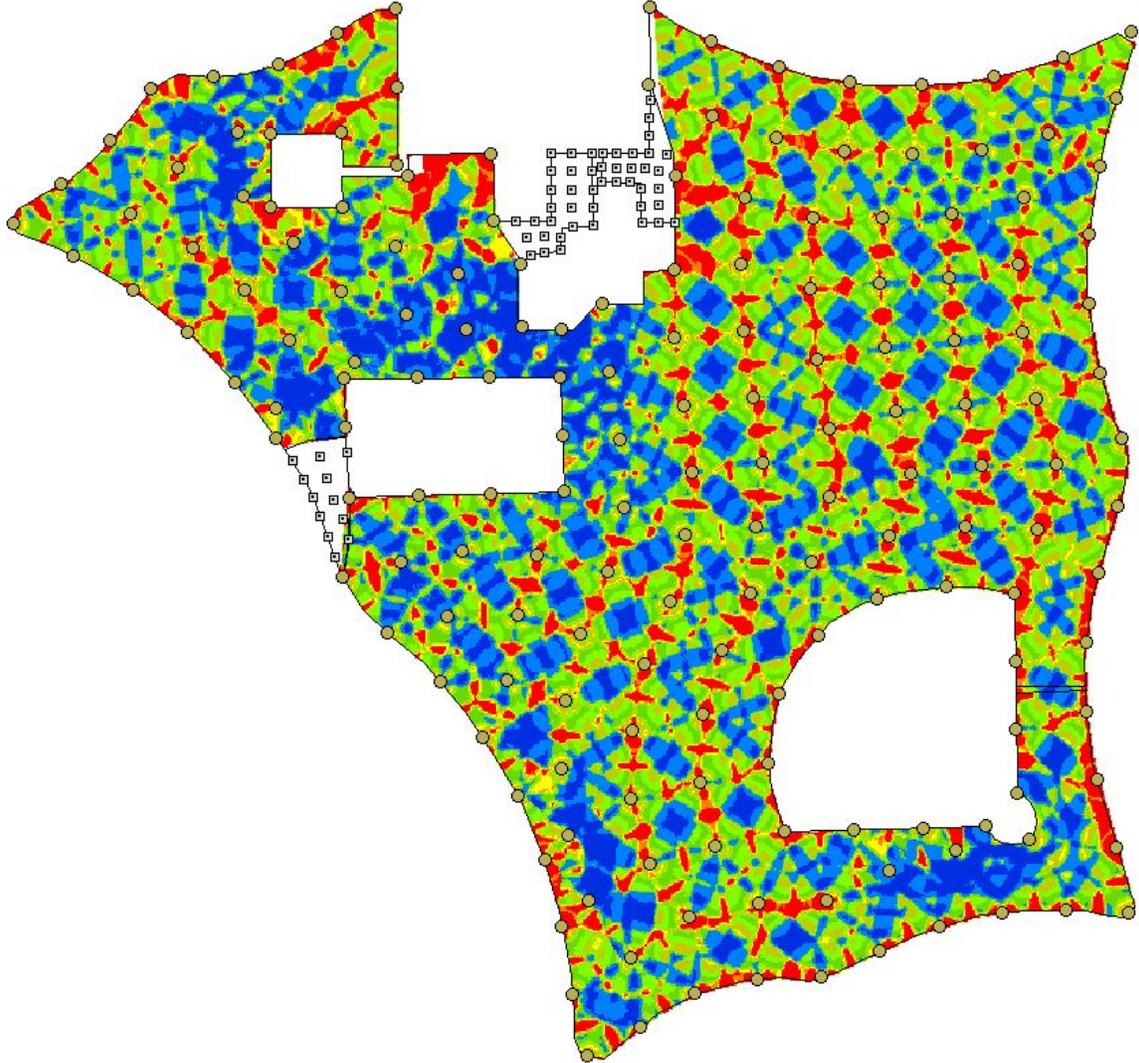
Score	79.5
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Water Distribution Analysis Case 2
Hunter PGP Nozzle #9 40psi



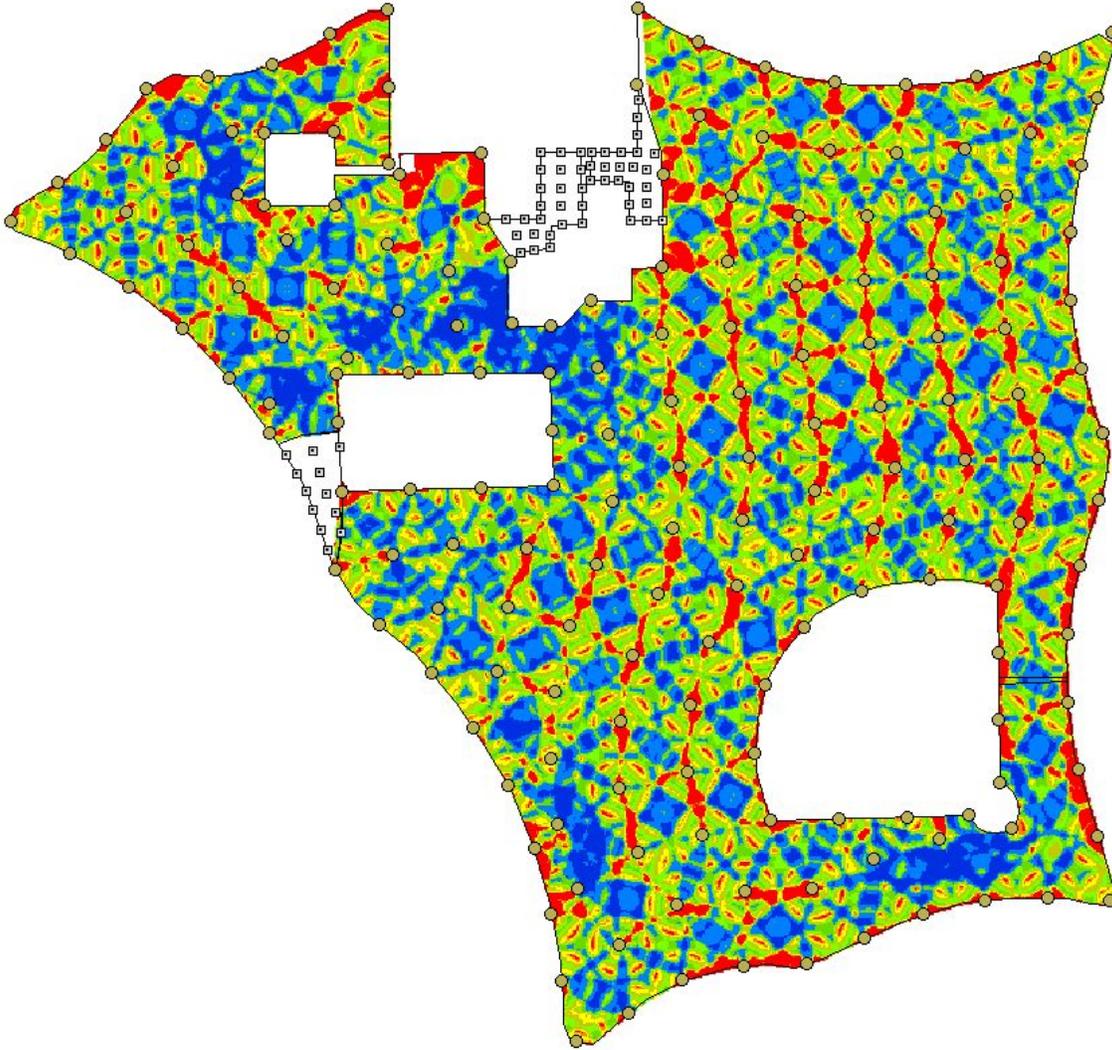
Score	76.0
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Water Distribution Analysis Case3
Hunter PGP Nozzle #8 50psi



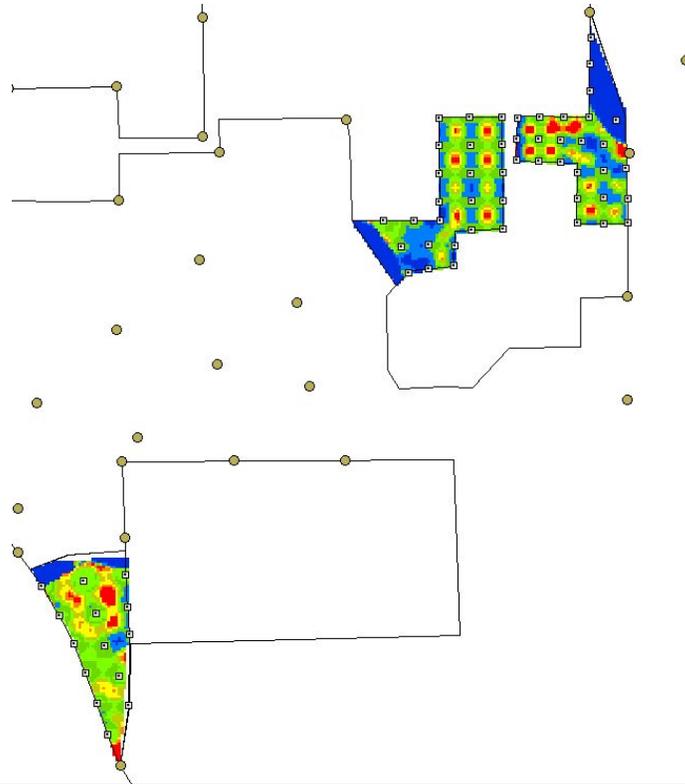
Score	63.7
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**Water Distribution Analysis Rotor Case4
Hunter PGP Nozzle #8 40psi**



Score	66.5
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**Water Distribution Analysis Spray Case
RB1800 30psi**



Score	56.0
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Color Coded Distribution Efficiency Analysis

The results of the water distribution analysis can be presented in the form of a table or a color-coded map indicating distribution patterns. The color code goes from Red to Blue green representing the optimal distribution of water.

Red areas indicate inadequate water, dry areas. Blue areas indicated excess of water.

Values above the maximum distribution efficiency of a particular irrigation head, typically 70% for rotor 55% for spray heads represent access watering, not improved efficiency.

What are the colors?

After distribution uniformity has been calculated, a therna-shaded map appears showing how evenly water is being applied to the area. As adjustments are made to the irrigation system this map will instantly update to show the net effect.

