



Agenda

CITY CLERK'S OFFICE

DATE 1/15/15 TIME 9:37am

PREPARED BY Katherine Mortimer

REVIEWED BY Alicia Gallart

SUSTAINABLE SANTA FE COMMISSION

Tuesday, January 20, 2015
City Councilors Conference Room
Santa Fe, NM
2:30 to 4:30 p.m.

- A. CALL TO ORDER
- B. ROLL CALL
- C. APPROVAL OF AGENDA
- D. APPROVAL OF MINUTES – December 16, 2014
- E. COMMUNICATIONS FROM THE FLOOR (5 min)
- F. REPORT FROM, AND ASSIGNMENT OF ACTIONEER (5 min)
- G. STAFF COMMUNICATIONS (10 min)
 - 1. Urban Agriculture Policy (K. Mortimer)
 - 2. 2015 Sustainability Awards (K. Mortimer)
 - 3. Update on Mayor's Climate Action Task Force (J. Alejandro)
 - 4. SFSWMA (A. Schlachter)
- H. DISCUSSION/ACTION ITEMS
 - 1. Recommendation to incorporate Water Efficiency Rating System (D. Pushard) (10 min)
 - 2. Reusable Bag Ordinance Report Presentation (B. Sopoci-Belknap) (5 min)
 - 3. Resolution to Adopt the Forrest and Water Climate Adaptation Plan (E. Chiocchio) (5 min)
 - 4. Energy Resolutions Status (B. Sopoci-Belknap) (5 min)
 - 5. Scorecard Status and Priority Areas for Recommended Action (A. Zappe & B. Sopoci-Belknap)
 - 6. SUBCOMMITTEE REPORTS:
 - i. Climate Action Task Force subcommittee updates
 - ii. Community Engagement (A. Romero) (10 min)
- I. ITEMS FROM THE CHAIR (5 min)
- J. ITEMS FROM THE COMMISSION (5 min)
- K. ITEMS FOR NEXT AGENDA (5 min)
- L. ADJOURNMENT

Next Meeting: February 17, 2015

NOTE: Persons with disabilities in need of accommodations, contact the City Clerk's office at 955-6520, five (5) working days prior to meeting date.

**INDEX OF MINUTES
SUSTAINABLE SANTA FE COMMISSION
January 20, 2015**

ITEM	ACTION TAKEN	PAGE(S)
A. CALL TO ORDER	Convened	1
B. ROLL CALL	Quorum established at 2:48 p.m.	1
C. APPROVAL OF AGENDA	Approved [as amended]	2
D. APPROVAL OF MINUTES	Approved [as amended]	3-4
E. COMMUNICATIONS FROM THE FLOOR		
	*Moved up on the agenda	1-2
F. REPORT FROM, AND ASSIGNMENT OF ACTIONEER		4
G. STAFF COMMUNICATIONS		
1. Urban Agriculture Policy		4
2. 2015 Sustainable Santa Fe Awards		4
3. Update on Mayor's Climate Action Task Force		5
4. SFSWMA		5
H. DISCUSSION/ACTION ITEMS		
1. Recommendation to incorporate Water Efficiency Rating System		
	*Motion passed (moved up on agenda)	2-3
2. Reusable Bag Ordinance Report Presentation		
	No action taken	5
3. Resolution to Adopt the Forest and Water Climate Adaptation Plan		
	No action taken	5
4. Energy Resolutions Status	No action taken	5
5. Scorecard Status and Priority Areas for Recommended Action		
	No action taken	5
6. SUBCOMMITTEE REPORTS		
i. Climate Action Task Force subcommittee updates		5
ii. Community Engagement		6
I. ITEMS FOR THE CHAIR	None	6
J. ITEMS FROM THE COMMISSION		
	None	6
K. ITEMS FOR NEXT AGENDA	None	6
L. ADJOURNMENT	Adjourned at 4:05 p.m.	6

MINUTES OF THE
CITY OF SANTA FE
SUSTAINABLE SANTA FE COMMISSION

January 20, 2015

A. CALL TO ORDER

A meeting of the City of Santa Fe Sustainable Santa Fe Commission was called to order by Esha Chiocchio, Vice Chair at 2:40 p.m. at the City Hall Councilor's Conference Room, Santa Fe, New Mexico.

ROLL CALL

The initial roll call indicated the lack of a quorum for conducting official business, however, quorum was established at 2:48 p.m.

MEMBERS PRESENT:

Bianca Sopoci-Belknap, Chair (arrived at 2:48 p.m.)
Esha Chiocchio, Vice Chair
Glenn Schiffbauer
Kim Kelly
Louise Pape

MEMBERS ABSENT:

Andrea Romero, excused
Amanda Hatherly, excused
2 vacancies

STAFF PRESENT:

Katherine Mortimer, Environmental Services Division

OTHERS PRESENT:

Andy Otto, Santa Fe Watershed Association
Tim Michael, Santa Fe Water Conservation Committee
Kim Shanahan, Santa Fe Area Home Builders Association
Doug Pushard, Santa Fe Water Conservation Committee
Seth Roffman, Green Fire Times

E. COMMUNICATIONS FROM THE FLOOR

Introductions were made.

Tim Michael is on the City of Santa Fe Water Conservation Committee and is in attendance to hear the presentation on the Water Efficiency Rating System (WERS) and for general information about the Commission.

Andy Otto is the Executive Director of the Santa Fe Watershed Association. He is in attendance to hear about the status of the Santa Fe Watershed Forest and Water Adaptation Plan adoption process.

Kim Shanahan is the Executive Director of the Santa Fa Area Home Builders Association. He is in attendance to support the presentation of WERS.

Doug Pushard is on the City of Santa Fe Water Conservation Committee and is in attendance to present on the Water Efficiency Rating System (WERS).

Seth Roffman with the *Green Fire Times* was present. He shared the January 2015 edition of the publication. He noted that there is not a contribution from the Commission for the February issue. He also noted that there is not room for a full article at this point but that short “news bites” could still be accommodated. He listed the focus areas for the upcoming issues.

(A quorum was established at 2:48 p.m. with the arrival of Chair Sopoci-Belknap.)

C. APPROVAL OF THE AGENDA

Item E (*Communications from the Floor*) was moved up on the agenda before Approval of the Agenda.

Item H-1 (*Recommendation to incorporate Water Efficiency Rating System*) was also moved up on the agenda, before Item D (*Approval of Minutes*).

Commissioner Pape moved to approve the agenda as amended. Commissioner Schiffbauer seconded the motion. The motion passed unanimously by voice vote.

H. DISCUSSION/ACTION (moved up on the agenda)

1. Recommendation to incorporate Water Efficiency Rating System

Doug Pushard distributed a printout of a slideshow (*Exhibit A*) which describes the background for developing the WERS and how it works. He said Version 1 is complete for new and existing homes. A press release was issued last week announcing its completion. Currently they are receiving comments from other cities and they hope that Santa Fe will provide a review as well.

He said most water codes are prescriptive. This is an effort to make a performance-based tool allowing tradeoffs like the Home Energy Rating System (HERS) does for energy. The Green Building Coalition will own the tool. The tool was developed with a diverse group of

people. Its primary focus is indoor water use. In addition to meeting a specific WERS score target, there are requirements to incorporate a minimum number of best water conservation practices.

They would like the City of Santa Fe to adopt the WERS into the Residential Green Building Code to replace the water section. WaterSense alone will get you a WERS score of about 75.

The WERS program is simple and anyone can complete it. It allows you to try out “what if” scenarios. The best management practices (BMPs) are mostly for outdoor water use.

Chair Sopoci-Belknap asked if the outdoor BMPs will be moved into the tool itself over time.

Mr. Pushard said that they will likely have different indoor and outdoor scores plus BMPs for emerging equipment or practices.

Mr. Shanahan noted that there is a misconception that some things will be mandatory. All that is required is a score. The County has adopted a requirement for all water fixtures to be WaterSense that will take affect when they adopt their land use map. That system does not allow for tradeoffs; therefore some kinds of water fixtures will not be allowed. The WERS system will allow someone to have a water-extravagant fixture if that excess water is offset by very conserving water fixtures or systems elsewhere in the home.

Mr. Shanahan noted that since adoption of the HERS requirement, builders have become competitive about getting better scores. The hope is that this same kind of competition (to be the most water conserving) will occur with WERS as well.

Commissioner Pape moved to recommend to the City Council that the WERS score be added to the City’s Residential Green Building Code for both new and existing homes by passing a resolution directing staff to work with the Santa Fe Area Home Builders Association to develop code revisions and recommended target numbers for different projects. Chair Sopoci-Belknap seconded the motion. The motion passed unanimously by voice vote.

D. APPROVAL OF THE MINUTES: December 16, 2014

Commissioner Pape offered the following changes to the Minutes of the December 16, 2014 meeting:

Page 5, next to last paragraph:

- a. ...that checkout staff **did** ask customers if they...
- b.customers if they **needed**
- c.half of those reported that checkout staff **asked**
- d.encourage reusable bag use **needs**
- e.rises to the **consciousness**

Commissioner Pape moved to approve the Minutes of the December 16, 2014 meeting as amended. Commissioner Schiffbauer seconded the motion. The motion passed unanimously by voice vote.

F. REPORT FROM, AND ASSIGNMENT OF ACTIONEER

Commissioner Chiocchio was the Actioneer for this meeting.

Commissioner Chiocchio reviewed the previous Actioneer report. Copies of the previous Actioneer report were included in the Commissioners' packet.

G. STAFF COMMUNICATIONS

1. Urban Agriculture Policy

Ms. Mortimer reported that the Water, Land Management and Food Security Committee of the Climate Action Task Force have created a subcommittee which consists of members who are also on the Food Policy Council. They will review the draft ordinance and draft resolution that comprise the urban agriculture policy. Comments have been received and integrated and returned to that group for final signoff. The next step will be to forward them to Kathy Holian, the Chair of that Committee, to take to the full Climate Action Task Force and then to the City for consideration.

2. 2015 Sustainable Santa Fe Awards

Ms. Mortimer reported that the co-sponsors have reviewed the categories and nomination form for this year's awards should the City's administration choose to move forward with them. She noted that the awards and gala have become more popular and well attended over the years with the last two years gala being held at the Eldorado Hotel with well over 100 attendees. Two years ago the Mayor and three City Councilors gave out the awards. Due to conflicts with a City meeting and another City event, only one Councilor gave the awards out last year.

Chair Sopoci-Belknap said if there is an existing awards program that this could fit within, then possibly the city and its partners should not conduct their own.

Ms. Mortimer said a review of the existing programs found there is not a program that these awards would logically fit into. She explained that the "Best of Santa Fe" awards are more of a popularity prize than a thoughtful comparison of different competing projects or programs.

Commissioner Schiffbauer added that the Green Chamber is prepared to host the gala again this year and that their members see value in getting them.

Chair Sopoci-Belknap suggested that the co-sponsors communicate their sense of the value of the awards program to the City administration, and offer to answer any questions they may have in making their decision.

3. Update on Mayor's Climate Action Task Force.

This item was tabled as John Alejandro was not in attendance.

4. SFSWMA.

This item was tabled as Adam Schlachter was not in attendance.

H. DISCUSSION/ACTION ITEMS

1. Recommendation to incorporate Water Efficiency Rating System

This agenda item was moved up and discussed above.

2. Reusable Bag Ordinance Report Presentation

Chair Sopoci-Belknap reported that the Report that was approved by the Commission at the December meeting has not yet been presented to any City Committee or to City Council. They are waiting for the options that are being developed by the City Attorney's office on how the City can reduce paper bag usage. They expect that the Report will be presented to City Council sometime in February.

3. Resolution to Adopt the Forest and Water Climate Adaptation Plan

Commissioner Chiocchio reported that the resolution language has been provided to Councilor Ives and to Melissa Byers, Legislative Liaison in the City Attorney's Office, for formatting and revisions. She has not heard back from them as of yet and does not know what the proposed schedule for its consideration is.

4. Energy Resolutions Status

Chair Sopoci-Belknap reported that Councilor Bushee has withdrawn her resolution. She also reported that the remaining two energy resolutions by Councilors Ives and Councilor Maestas respectively have been delayed. She indicated that this will provide time to fully explain what each of these remaining two resolutions would do. She also noted that PNM has launched a campaign aimed at fighting these resolutions which include inaccurate information.

5. Scorecard Status and Priority Areas for Recommended Action

This agenda item was not discussed.

6. SUBCOMMITTEE REPORTS:

i. Climate Action Task Force subcommittee updates

This agenda item was not discussed.

ii. Community Engagement

This agenda item was not discussed.

I. ITEMS FROM THE CHAIR

There were no items from the Chair.

J. ITEMS FROM THE COMMISSION

There were no items from the Commission.

K. ITEMS FOR THE NEXT AGENDA

There were no items for the next agenda.

L. ADJOURNMENT

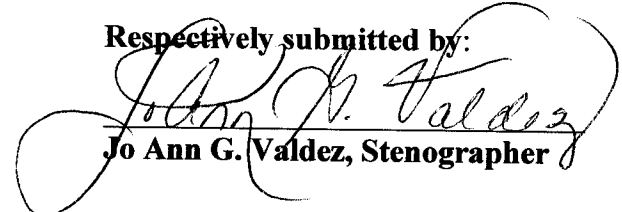
The next meeting is scheduled for February 17, 2015 at 2:30 p.m.

Having no further business to discuss, the meeting adjourned at 4:05 p.m.

Approved by:


Bianca Sopoci-Belknap, Chair

Respectively submitted by:


Jo Ann G. Valdez, Stenographer

Water Efficiency in Homes

A look into the future
of home water use:
It's available today

Objective: Improve Water Conservation
in Homes

Build a tool that contractors can use
to measure water conservation in
homes.

- Build a performance-based tool similar to HERS, but for water
- After a year of work version 1.0 is ready for release

Santa Fe Working group

- Doug Pushard, WCC Member
- Kim Shanahan, ED of SF HBA
- Bill Roth, WCC Member and Contractor
- Steve Hale Builder, GBNM Program Director
- Amanda Hatherly, Director Building Sciences, SFCC
- Nancy Avedisian, WCC Member and Realtor
- David Dunlap, Contractor
- Bob Kreger, Contractor
- Mike Collignon, ED of Green Build Coalition
- Laureen Blissard, GB Co and HERS/GBC rater

Version 1

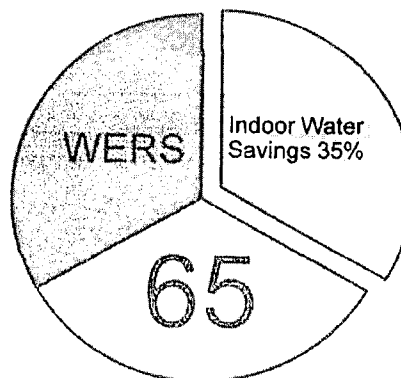
Primary focus on Indoor water use

- Compare indoor usage across homes
- Reduce score for bringing rainwater back into the house, similar to adding PV panels reduces the HERS score
- Best Practices list provides separate score, covers mostly outdoor items

Raise the Bar for Water Efficiency

Performance Path INDOOR WATER USE **WERS Score**

- Includes Water Fixtures and Water using Appliances
- Installed vs. Industry Baseline
- WERS maximum proposed score is about 75



Water Efficiency Rating System (WERS)

Indoor Water Efficiency Rating System (WERS)									
	Water Fixture or Appliance	Water Use (GPM)	Existing Water Use (GPM)	WERS Points	Indoor Water Savings (GPM)	Indoor Water Savings (%)	Percent Saved Per Fixture	Notes About Fixture	Notes About Water Use
9	A	1.0	1.5	1.0	0.5	33%	33%	Yes	
10	B	1.0	1.5	1.0	0.5	33%	33%	Yes	
11	C	1.0	1.5	1.0	0.5	33%	33%	Yes	
12	D	1.0	1.5	1.0	0.5	33%	33%	Yes	
13	E	1.0	1.5	1.0	0.5	33%	33%	Yes	
14	F	1.0	1.5	1.0	0.5	33%	33%	Yes	
15	G	1.0	1.5	1.0	0.5	33%	33%	Yes	
16	H	1.0	1.5	1.0	0.5	33%	33%	Yes	
17	I	1.0	1.5	1.0	0.5	33%	33%	Yes	
18	J	1.0	1.5	1.0	0.5	33%	33%	Yes	
19	K	1.0	1.5	1.0	0.5	33%	33%	Yes	
20	L	1.0	1.5	1.0	0.5	33%	33%	Yes	
21	M	1.0	1.5	1.0	0.5	33%	33%	Yes	
22	N	1.0	1.5	1.0	0.5	33%	33%	Yes	
23	O	1.0	1.5	1.0	0.5	33%	33%	Yes	
24	P	1.0	1.5	1.0	0.5	33%	33%	Yes	
25	Q	1.0	1.5	1.0	0.5	33%	33%	Yes	
26	R	1.0	1.5	1.0	0.5	33%	33%	Yes	
27	S	1.0	1.5	1.0	0.5	33%	33%	Yes	
28	T	1.0	1.5	1.0	0.5	33%	33%	Yes	
29	U	1.0	1.5	1.0	0.5	33%	33%	Yes	
30	V	1.0	1.5	1.0	0.5	33%	33%	Yes	
31	W	1.0	1.5	1.0	0.5	33%	33%	Yes	
32	X	1.0	1.5	1.0	0.5	33%	33%	Yes	
33	Y	1.0	1.5	1.0	0.5	33%	33%	Yes	
34	Z	1.0	1.5	1.0	0.5	33%	33%	Yes	
35	AA	1.0	1.5	1.0	0.5	33%	33%	Yes	
36	AB	1.0	1.5	1.0	0.5	33%	33%	Yes	
37	AC	1.0	1.5	1.0	0.5	33%	33%	Yes	
38	AD	1.0	1.5	1.0	0.5	33%	33%	Yes	
39	AE	1.0	1.5	1.0	0.5	33%	33%	Yes	
40	AF	1.0	1.5	1.0	0.5	33%	33%	Yes	
41	AG	1.0	1.5	1.0	0.5	33%	33%	Yes	
42	AH	1.0	1.5	1.0	0.5	33%	33%	Yes	
43	AI	1.0	1.5	1.0	0.5	33%	33%	Yes	
44	AJ	1.0	1.5	1.0	0.5	33%	33%	Yes	
45	AK	1.0	1.5	1.0	0.5	33%	33%	Yes	
46	AL	1.0	1.5	1.0	0.5	33%	33%	Yes	
47	AM	1.0	1.5	1.0	0.5	33%	33%	Yes	
48	AN	1.0	1.5	1.0	0.5	33%	33%	Yes	
49	AO	1.0	1.5	1.0	0.5	33%	33%	Yes	
50	AP	1.0	1.5	1.0	0.5	33%	33%	Yes	
51	AQ	1.0	1.5	1.0	0.5	33%	33%	Yes	
52	AR	1.0	1.5	1.0	0.5	33%	33%	Yes	
53	AS	1.0	1.5	1.0	0.5	33%	33%	Yes	
54	AT	1.0	1.5	1.0	0.5	33%	33%	Yes	
55	AU	1.0	1.5	1.0	0.5	33%	33%	Yes	
56	AV	1.0	1.5	1.0	0.5	33%	33%	Yes	
57	AW	1.0	1.5	1.0	0.5	33%	33%	Yes	
58	AX	1.0	1.5	1.0	0.5	33%	33%	Yes	
59	AY	1.0	1.5	1.0	0.5	33%	33%	Yes	
60	AZ	1.0	1.5	1.0	0.5	33%	33%	Yes	
61	BA	1.0	1.5	1.0	0.5	33%	33%	Yes	
62	BB	1.0	1.5	1.0	0.5	33%	33%	Yes	
63	BC	1.0	1.5	1.0	0.5	33%	33%	Yes	
64	BD	1.0	1.5	1.0	0.5	33%	33%	Yes	
65	BE	1.0	1.5	1.0	0.5	33%	33%	Yes	
66	BF	1.0	1.5	1.0	0.5	33%	33%	Yes	
67	BG	1.0	1.5	1.0	0.5	33%	33%	Yes	
68	BH	1.0	1.5	1.0	0.5	33%	33%	Yes	
69	BI	1.0	1.5	1.0	0.5	33%	33%	Yes	
70	BJ	1.0	1.5	1.0	0.5	33%	33%	Yes	
71	BK	1.0	1.5	1.0	0.5	33%	33%	Yes	
72	BL	1.0	1.5	1.0	0.5	33%	33%	Yes	
73	BM	1.0	1.5	1.0	0.5	33%	33%	Yes	
74	BN	1.0	1.5	1.0	0.5	33%	33%	Yes	
75	BO	1.0	1.5	1.0	0.5	33%	33%	Yes	
76	BP	1.0	1.5	1.0	0.5	33%	33%	Yes	
77	BQ	1.0	1.5	1.0	0.5	33%	33%	Yes	
78	BR	1.0	1.5	1.0	0.5	33%	33%	Yes	
79	BS	1.0	1.5	1.0	0.5	33%	33%	Yes	
80	BT	1.0	1.5	1.0	0.5	33%	33%	Yes	
81	BU	1.0	1.5	1.0	0.5	33%	33%	Yes	
82	BV	1.0	1.5	1.0	0.5	33%	33%	Yes	
83	BW	1.0	1.5	1.0	0.5	33%	33%	Yes	
84	BX	1.0	1.5	1.0	0.5	33%	33%	Yes	
85	BY	1.0	1.5	1.0	0.5	33%	33%	Yes	
86	BZ	1.0	1.5	1.0	0.5	33%	33%	Yes	
87	CA	1.0	1.5	1.0	0.5	33%	33%	Yes	
88	CB	1.0	1.5	1.0	0.5	33%	33%	Yes	
89	CC	1.0	1.5	1.0	0.5	33%	33%	Yes	
90	CD	1.0	1.5	1.0	0.5	33%	33%	Yes	
91	CE	1.0	1.5	1.0	0.5	33%	33%	Yes	
92	CF	1.0	1.5	1.0	0.5	33%	33%	Yes	
93	CG	1.0	1.5	1.0	0.5	33%	33%	Yes	
94	CH	1.0	1.5	1.0	0.5	33%	33%	Yes	
95	CI	1.0	1.5	1.0	0.5	33%	33%	Yes	
96	CJ	1.0	1.5	1.0	0.5	33%	33%	Yes	
97	CK	1.0	1.5	1.0	0.5	33%	33%	Yes	
98	CL	1.0	1.5	1.0	0.5	33%	33%	Yes	
99	CM	1.0	1.5	1.0	0.5	33%	33%	Yes	
100	CN	1.0	1.5	1.0	0.5	33%	33%	Yes	
101	CO	1.0	1.5	1.0	0.5	33%	33%	Yes	
102	CP	1.0	1.5	1.0	0.5	33%	33%	Yes	
103	CQ	1.0	1.5	1.0	0.5	33%	33%	Yes	
104	CR	1.0	1.5	1.0	0.5	33%	33%	Yes	
105	CS	1.0	1.5	1.0	0.5	33%	33%	Yes	
106	CT	1.0	1.5	1.0	0.5	33%	33%	Yes	
107	CU	1.0	1.5	1.0	0.5	33%	33%	Yes	
108	CV	1.0	1.5	1.0	0.5	33%	33%	Yes	
109	CW	1.0	1.5	1.0	0.5	33%	33%	Yes	
110	CX	1.0	1.5	1.0	0.5	33%	33%	Yes	
111	CY	1.0	1.5	1.0	0.5	33%	33%	Yes	
112	CZ	1.0	1.5	1.0	0.5	33%	33%	Yes	
113	DA	1.0	1.5	1.0	0.5	33%	33%	Yes	
114	DB	1.0	1.5	1.0	0.5	33%	33%	Yes	
115	DC	1.0	1.5	1.0	0.5	33%	33%	Yes	
116	DD	1.0	1.5	1.0	0.5	33%	33%	Yes	
117	DE	1.0	1.5	1.0	0.5	33%	33%	Yes	
118	DF	1.0	1.5	1.0	0.5	33%	33%	Yes	
119	DG	1.0	1.5	1.0	0.5	33%	33%	Yes	
120	DH	1.0	1.5	1.0	0.5	33%	33%	Yes	
121	DI	1.0	1.5	1.0	0.5	33%	33%	Yes	
122	DJ	1.0	1.5	1.0	0.5	33%	33%	Yes	
123	DK	1.0	1.5	1.0	0.5	33%	33%	Yes	
124	DL	1.0	1.5	1.0	0.5	33%	33%	Yes	
125	DM	1.0	1.5	1.0	0.5	33%	33%	Yes	
126	DN	1.0	1.5	1.0	0.5	33%	33%	Yes	
127	DO	1.0	1.5	1.0	0.5	33%	33%	Yes	
128	DP	1.0	1.5	1.0	0.5	33%	33%	Yes	
129	DQ	1.0	1.5	1.0	0.5	33%	33%	Yes	
130	DR	1.0	1.5	1.0	0.5	33%	33%	Yes	
131	DS	1.0	1.5	1.0	0.5	33%	33%	Yes	
132	DT	1.0	1.5	1.0	0.5	33%	33%	Yes	
133	DU	1.0	1.5	1.0	0.5	33%	33%	Yes	
134	DV	1.0	1.5	1.0	0.5	33%	33%	Yes	
135	DW	1.0	1.5	1.0	0.5	33%	33%	Yes	
136	DX	1.0	1.5	1.0	0.5	33%	33%	Yes	
137	DY	1.0	1.5	1.0	0.5	33%	33%	Yes	
138	DZ	1.0	1.5	1.0	0.5	33%	33%	Yes	
139	EA	1.0	1.5	1.0	0.5	33%	33%	Yes	
140	EB	1.0	1.5	1.0	0.5	33%	33%	Yes	
141	EC	1.0	1.5	1.0	0.5	33%	33%	Yes	
142	ED	1.0	1.5	1.0	0.5	33%	33%	Yes	
143	EE	1.0	1.5	1.0	0.5	33%	33%	Yes	
144	EF	1.0	1.5	1.0	0.5	33%	33%	Yes	
145	EG	1.0	1.5	1.0	0.5	33%	33%	Yes	

Best Practices

Water Efficiency Rating Score
Innovative Practices & Verification

Report Date: **1/13/2015**
This report is for: **Project Testing**

Check the actual report to confirm the following: This report is for the building type, test type, and water efficiency of the building type and report type.

Inspection Information
City: **San Jose** Date: **12/08/14** Count: **1** Building # / Project #:

IPV1 Indoor Water Use Efficiency Practices
3 minimum points are required from this section

Practices	Requirement	Points	Score	Notes
1.1 Toilets				
1.1.1 Toilet retrofit exchange for 5.0 gpf on same water system	0	1	0	
1.1.2 Toilet dual flush retrofit for 5.0 gpf on same water system	0	2	0	
1.1.3 Faucet water plumbed and used in toilet	0	2	0	
1.2 Showers Equipped with Shut-off Valves	0	1	0	
1.3 Faucets				
1.3.1 Aerobic free faucets	0	1	0	
1.3.2 Hot/Cold and water volume integrated faucets	0	1	0	
1.4 Freshwater water use monitoring system installed	0	2	0	
1.5 Interior Water Reuse				
1.5.1 Water Treatment Backflush Water Use Inside	0	1	0	
1.5.2 Pump and Pipe Stub-out installed	0	1	0	
1.5.3 Greywater stub-out installed	0	1	0	

Categories Include:

- Landscape
- Stormwater Mgt
- Indoor practices

Set a minimum number of points required

Replaces current system

Next Step

Approve WERS tool and Best Practices to be incorporated into New and Existing Building Code

Water Efficiency Rating Score Innovative Practices & Verification

Builder

1000 S. JIMENEZ AVE. SANTA FE, NM 87501

Verification

J. Clouseau of Inspection Company

Project

238 E. Bailey Rd. Santa Fe NM 87501

Report Date: **1/13/2015**

This report is for: **Project Testing**

Once the report type is selected on the Summary Page, Dark Grey areas are either calculated or not mandatory and do not require inputs.

Inspection Information

Date **12/10/2014**

Time **12:00 PM**

Code **Santa Fe**

Building Program **Santa Fe**

IPV1 Indoor Water Use Efficiency Practices

5 minimum points are required from this section

5 POINT MINIMUM HAS NOT BEEN MET

Points

		Proposed	Available	Verified?	Awarded
1.1	Toilets				
	1.1.1 Toilet retrofit exchange for 5.0 gpf on same water system	0	3	Y	
	1.1.2 Toilet dual flush retrofit for 5.0 gpf on same water system	0	3	N	
	1.1.3 Faucet water plumbed and used in toilet	0	2	N	
1.2	Showers Equipped with Shut-off Valves	0	1	N	
1.3	Faucets				
	1.3.1 Hands-free Faucets	0	1	N	
	1.3.2 Hot/Cold and water volume integrated faucets fixtures	0	1	N	
1.4	Real time water use monitoring system installed	0	2	N	
1.5	Interior Water Reuse				
	1.5.1 Water Treatment Backflush Water Use Inside	0	3	Y	
	1.5.2 Purple pipe Stub-in installed	0	1	N	
	1.5.3 Greywater stub-out installed	0	1	N	
1.6	Water Damage Prevention				
	1.6.1 Excess water flow automatic shutoff (OR)	0	2	Y	
	1.6.2 Leak detection system with automatic shutoff	0	2	Y	
1.7	High efficiency evaporative cooling system installed	0	1	N	
Section Sub-Total		0	22		0

IPV2 Outdoor Water Use Efficiency Practices

5 POINT MINIMUM HAS NOT BEEN MET

5 minimum points are required from this section

		Points			
		Proposed	Available	Verified?	Awarded
2.1	Landscaping				
2.1.1	Property is landscaped with 80% low water use plant materials*	0	2	Y	
2.1.2	No turf is used or if used is not irrigated	0	2	N	
2.1.3	Site-appropriate native landscape as defined by local municipality and requires no irrigation after	0	5	N	
2.1.4	Low Impact Development principles applied	0	1	N	
2.1.5	Mulch (2-4") is installed in planting beds	0	1	N	
2.1.6	open for future practice		0		
2.1.7	open for future practice		0		
2.1.8	open for future practice		0		
2.1.9	open for future practice		0		
2.1.10	open for future practice		0		
2.2	Irrigation				
2.2.1	Irrigation supply is stubbed out and accessible to all landscape	0	1	Y	
2.2.2	Automatic sprinkler and drip irrigation controls are installed and cover 80% or more of new plants and turf	0	2	N	
2.2.3	Rain sensor or soil moisture sensor is part of irrigation controls	0	2	N	
2.2.4	Smart controller installed and programmed properly as defined by local ordinances or irrigation best practices (i.e. IA or EPA)	0	3	N	
2.2.5	Onsite water treatment backflush water or AC condensate water use outside in irrigation system or in actively planted areas, displacing irrigation system requirements	0	2	N	
2.2.6	An active rainwater harvesting system for irrigation designed and installed by a certified/licensed rainwater professional. <i>Outside is landscaped and the system is sized to irrigate greater than 50% (3pts) OR 75% (4pts) of all landscape. No backup water required (5pts).</i>	3	5	N	
2.2.7	A greywater system is used for irrigation purposes designed and installed by a certified/licensed greywater professional. <i>Outside is landscaped and the system is sized to irrigate greater than 50% (3pts) OR 75% (4pts) of</i>	3	5	N	

all landscape. No backup water system connection (5pts)

2.2.8	Exterior water shutoff valve is installed inside the house	0	1	N	
2.2.9	open for future practice		0		
2.2.10	open for future practice		0		
2.2.11	open for future practice		0		
2.2.12	open for future practice		0		
2.2.13	open for future practice		0		

2.3 Storm Water Management

2.3.1	Installed passive irrigation system to prevent lot run off	0	4	N	
2.3.2	Installed landscape whereby no runoff occurs in a 100-year event	0	5	N	
2.3.3	Curb cuts, allowing water to run into the property and used as irrigation water	0	2	N	
2.3.4	Permeable paving installed	0	2	N	
2.3.5	A rain garden used for landscape irrigation that is design and installed by a certified/licensed professional. Outside is landscaped and the system is sized to irrigate greater than 50% (3pts) OR 75% (4pts) of all landscape. No backup water system connection (5pts).	3	5	N	
2.3.6	Permanent retention ponds designed and installed by a certified/licensed professional. Outside is landscaped and the system is sized to irrigate greater than 50% (3pts) OR 75% (4pts) of all landscape. No backup water system connection (5pts).	3	5	N	
2.3.7	Pumice wicks designed and installed by a certified/licensed professional. Outside is landscaped and the system is sized to irrigate greater than 50% (3pts) OR 75% (4pts) of all landscape.	4	4	N	
2.3.8	Canale channels, pumice wick or river rock beds to keep water on the property	0	2	N	
2.3.9	open for future practice		0		
2.3.10	open for future practice		0		
2.3.11	open for future practice		0		
2.3.12	open for future practice		0		
2.3.13	open for future practice		0		

2.4 Storm Water Treatment

2.4.1	Permanent SWPPP BMPs	0	1	N	
2.4.2	<i>open for future practice</i>		0		
2.4.3	<i>open for future practice</i>		0		
2.4.4	<i>open for future practice</i>		0		
2.4.5	<i>open for future practice</i>		0		
2.4.6	<i>open for future practice</i>		0		
2.5	Outdoor Water Use Verification				
2.5.1	Third-party water audit performed by a certified design professional and installed system meets the third-party program's water saving criteria.	0	1	N	
2.5.2	0.00% Outdoor water use reduction <i>Points awarded are based on the % reduction: 25% (2pts), 50% (3pts), and 75% (4pts).</i>	2	4	N	
Section Sub-Total		16	62		0

IPV3 Verification & Inspection Notes

3.1 Summary

WERS Score **0.00%** **NOT FINAL**

Innovative Practices Points Verified **0**

3.2 Notes

Use Alt+Enter to start a new line

Signature Section